Mobile: +91 9681154163 | Email: ufo.deep@gmail.com

Links: atanubiswas.com | https://www.linkedin.com/in/ufo-deep | https://github.com/UFO-84

Updated on: 2025-08-01

PROFESSIONAL SUMMARY

Results-driven Senior PHP Developer with 14+ years of experience in building and maintaining scalable, high-performance web applications. Proven expertise in PHP, MySQL, and JavaScript (jQuery), with strong hands-on experience in backend architecture, API integration, and performance optimization. Working across the full development lifecycle—from planning and development to deployment and maintenance—while mentoring junior developers and driving innovation using modern tools and AI integration (e.g. LangchainJS, OpenAI API, WindSurf, Ollama, Gemini CLI, and LlamaIndex). Passionate about clean code, automation, and solving real-world problems through technology.

TECHNICAL SUMMARY

- 14+ years of hands-on experience in full-stack web development with strong backend expertise.
- Proficient in PHP development using Laravel, Codelgniter, and custom-built frameworks.
- Skilled in **WordPress** development, including theme/plugin customization, site maintenance, and **security/hacked site recovery**.
- Deep understanding of MySQL database design and optimization including Stored Procedures,
 Triggers, and Functions.
- Expertise in writing optimized SQL queries for high-performance data handling.
- Experienced in AJAX, Object-Oriented JavaScript, JSON, and cross-browser compatibility.
- Proficient with Git for version control and Jenkins for CI/CD automation.
- Advanced user of Debian-based Linux distributions (e.g., Linux Mint XFCE); Linux is used as the primary development OS.
- Capable of setting up and managing **production servers** on **AWS**, **DigitalOcean**, and **Vultr** with full **LAMP stack deployment**.
- Comfortable with server hardening, SSL setup, and SSH-based server management.
- Familiar with modern Al toolchains, including LangchainJS, OpenAl API, Gemini CLI, Ollama, and LlamaIndex for smart integrations.

KEY STRENGTHS

- Quick learner with the ability to grasp new technologies and frameworks efficiently
- Strong analytical and logical reasoning skills, with a problem-solving mindset
- Experience in writing modular, reusable, and secure code, following modern cryptographic standards
- Skilled in developing and implementing core backend functionalities, as well as internal support tools
- Capable of understanding business logic and transforming functional requirements into technical solutions

- Hands-on experience with CMS-based frontend development and dynamic content integration
- Proficient in integration testing, debugging, and code reviews as part of an iterative development process

PROFESSIONAL QUALIFICATIONS

Certifications

- Advanced Web Development (PHP): National Institute of Software and Technology 1-Year Training in Advanced Web Technologies
- Computer Hardware & Basic Software Certification: *HASUS Institute* Completed foundational training in computer hardware and software (2005–2007)

Technical Skills

- Operating Systems: Proficient in Linux-based distributions (Debian, Linux Mint, Ubuntu, OpenSUSE, CentOS) and Windows (XP, 7, 10, 11)
- Dev Tools & IDEs: Experienced with PhpStorm, PyCharm, WebStorm, VSCode, NetBeans, Sublime Text, Notepad++, Gedit, Nano

Server & Deployment:

- Proficient in setting up and managing LAMP/LEMP stacks on VPS (e.g. AWS EC2, DigitalOcean, Vultr)
- Familiar with WHM/cPanel, WAMP, XAMPP, MAMP, and custom module-based local server setups
- Strong knowledge of **SSH**, **SFTP**, and secure deployment protocols
- Able to create and deploy live production environments with proper server hardening, SSL, and CI/CD pipelines
- Cloud & Services: Familiar with AWS architecture EC2, S3, SES, Lambda; comfortable with deployment on VPS and cloud platforms

Productivity & Scripting:

- Microsoft Word, Excel, Google Sheets (including API integration)
- Typing speed: 40+ WPM
- Proficient in advanced internet research and deep web navigation when required for development/security purposes
- Version Control & Collaboration: Comfortable with Git, GitHub, GitLab, and team collaboration workflows

PROFESSIONAL EXPERIENCE

NetTrackers, Kolkata — 2014–Present as **Senior PHP Developer**

- Leading development and maintenance of custom PHP applications using Codelgniter,
 Laravel, and MySQL
- Managing full-stack development for client-facing and internal tools, including frontend enhancements using jQuery, AJAX, and HTML/CSS
- Building and consuming RESTful APIs for third-party integrations (payment gateways, streaming APIs, Google APIs)
- Overseeing deployment to production servers on AWS, DigitalOcean, and VPS environments with proper Linux hardening and SSL
- Mentoring junior developers, performing code reviews, and ensuring best practices in security and performance optimization
- Integrating modern Al tools like LangchainJS, OpenAl API, and LlamaIndex to enhance automation and intelligence in projects

Techbridge, Kolkata — 2013–2014 as Web Developer

- Developed web applications using custom PHP and MySQL
- Maintained and debugged existing client websites and internal tools
- Collaborated closely with designers and project managers to deliver responsive, SEO-optimized websites
- Assisted in WordPress customization for small business clients

Independent / Startup Collaboration — 2011–2013 as Freelance Web Developer / Startup Projects

- Worked with local clients and a startup team to build dynamic websites using PHP, MySQL, and JavaScript
- Handled end-to-end development including UI implementation, database structuring, and server configuration
- Specialized in WordPress custom themes and plugin development, along with website recovery from malware attacks

Online Radio Streaming Platform — Ongoing as Technical Support (Weekend Role)

- Providing backend support, script maintenance, and occasional feature updates for a web-based radio streaming service
- Ensuring uptime, stream integration, and basic infrastructure support

EXPERIENCE ON WEB DEVELOPMENT

ENTERPRISE NORTHERN IRELAND

• Client: Northern Ireland Govt via NetTrackers

• Role: Lead Developer

• **Team Size**: 12

• **Tech Stack**: Laravel, PHP, MySQL, jQuery, Bash, PGVector (Al recommendation engine)

- Environment: AWS EC2, SES, SNS, Lambda, Cloudwatch, S3
- Tools Used: OpenAl, PhpStorm, Git, Jenkins
- **Summary:** A business networking platform that enables users to offer or receive support through tools such as appointments, events, opportunities, guides, and more.

R2P DENMARK GOVT BUS TRACKING APPLICATION

• Client: Denmark Govt via NetTrackers

• Role: Senior PHP Developer

• Team Size: 100+

• Tech Stack: Laravel, PHP, MySQL, jQuery, Bash, Python, Elastic search, Twilio

• Environment: AWS EC2, SES, SNS, Self hosted VPS

• Tools Used: PhpStorm, Git, Bus Indoor Unit (VTC).

• **Summary:** System designed to collect real-time data from onboard bus units—including speed, braking patterns, passenger count, and stop durations—and transmit it to the R2P server. It also integrates with Movia and a map tile server to handle dynamic rerouting requests during live operations.

DEAL84 ECOMMERCE (SaaS)

• Client: Self

• Role: Lead Developer, DevOps

• Team Size: 3

• Tech Stack: Custom Codeigniter, HTML5, jQuery, PHP, MySQL

• Environment: SES, S3, DigitalOcean VPS, Let's Encrypt SSL, Cloudflare

• Tools Used: OpenAl, PhpStorm, Git

• **Summary:** Users can rent an e-commerce site, maintenance and continuous development is available for lifetime. This includes a free price tracking (Amazon, Flipkart, AJio) tool.

DRIVEBIRD

Client: SelfRole: AllTeam Size: 1

• Tech Stack: Custom Codeigniter, HTML5, jQuery, PHP, MySQL

• Environment: SES, S3, Opcache, Let's Encrypt SSL, Cloudflare, DigitalOcean VPS

• Tools Used: OpenAl, PhpStorm, Git

• **Summary:** Multiple tools to be useful in daily life.

- SQL Injection, Cross-Site Scripting (XSS), file upload exploits, and brute-force login attempts. Leveraged tools like OWASP ZAP and deep manual code review to detect and neutralize encrypted malware, obfuscated payloads, and backdoors. Gained hands-on expertise in malware forensics, learned attacker techniques, and developed robust preventive measures to harden server environments and application code.
- Several hacked websites restored WordPress included with the help of OWASP ZAP and other plugin or tools.
- **Issue tracking** application
- **Sound mastering** application for a Brazilian client where users can upload audio files, and mention the time range to be fixed by application admin/staff.
- **Couchsurfing** application for a Bangkok client by PHP, JavaScript, jQuery, AJAX, Google Maps API, MySQL. This enables users to connect, host, and stay with fellow travelers.
- Chat with Whatsapp using NodeJs and puppeteer. Also connected with a webhook for automatic answers. Al can be integrated here.
- Matrimony sites where **AI** is involved to get best **recommendations**.
- Wall art customization tool using simple PHP, JavaScript, AJAX, HTML5 Canvas, MySQL. Users can preview, customize and checkout through PayPal.
- Support for **MERCEDES BENZ**. by the **Yii** framework.
- Online radio streaming application using **CentovaCast**.

ADDITIONAL SKILLS & LEARNING AREAS

- Actively experimenting with Al-powered code assistant agents such as Gemini CLI, Ollama, and ChatGPT for workflow enhancement and rapid prototyping
- Creating a Personal Al assistant with Python and LlamaIndex with the help of OpenRouter Al Models.
- Exploring Python-based web development for automation, API design, and backend services
- Hands-on familiarity with the ELK Stack (Elasticsearch, Logstash, Kibana) for logging and search
 optimization
- Practicing web application security testing using tools from Kali Linux (e.g., Burp Suite, SQLMap)

TECHNICAL SUMMARY

Experience:

Active in web development since 2011, including **corporate**, **freelance**, and **personal projects**, with a strong understanding of **web security vulnerabilities** and best practices

Version Control:

Proficient with Git; experienced in collaborative workflows using GitHub, GitLab, and Bitbucket

Server & Hosting:

- Skilled in handling Linux-based VPS environments via SSH, including setup and management of LAMP/LEMP stacks
- Experienced in using cPanel, WHM, DNS management, email server hardening, and spam prevention
- Familiar with CDN and DNS optimization via Cloudflare, MaxCDN

Cloud & DevOps Tools:

 Worked with platforms and services like Amazon AWS (EC2, SES, S3, Lambda), DigitalOcean API, Atlassian JIRA

Languages & Technologies:

- Frontend: HTML, CSS, JavaScript, jQuery, AJAX
- Backend: PHP, MySQL, Python (basic), Shell/Bash, NodeJS
- CMS: WordPress (themes, plugins, security fixes)

Frameworks:

Laravel, Codelgniter, Yii

Search & Caching Tools:

Elasticsearch, Logstash, Kibana (ELK Stack), Redis

Automation & Scripting:

Node.js, Puppeteer, Web scraping, WhatsApp bots, price tracking tools, IBM Watson API integration

NoSQL / Realtime DB:

Google Firebase (with PHP)

EXPERIMENTAL ACHIEVEMENTS & PERSONAL INNOVATIONS

- Google Sheets as a Scalable Database (via PHP): Built a successful integration where PHP acts as
 a bridge to read/write structured data from Google Sheets—ideal for lightweight, real-time dashboards
 and backups.
- **Custom Website Indexing Engine:** Developed a script to index and cache large websites for faster internal search capability.
- **Lightweight PHP Queue Manager:** Engineered a queue management system in PHP that processes background tasks efficiently with minimal resource usage.
- Android Optimization via Shell Script: Created a shell script for personal Android device maintenance—removes junk files, disables ads, and improves responsiveness.
- **Voice-Controlled IoT Home Automation:** Designed and tested a functional voice-enabled IoT system to control home appliances through digital switches.
- **Security Research Enthusiast:** Frequently explore and analyze new web application security features, vulnerabilities, and exploit patterns to improve my own deployments.
- Advanced Internet Research: Capable of deep internet exploration to extract hard-to-find technical data and toolkits.

• **Personal Interests:** Passionate about science fiction cinema and trance/electronic music, often integrating ideas into tech experimentation.

FREELANCE

Interested: Yes — Open to quality-focused freelance projects

Ideal Projects:

- · Challenging and technically engaging
- Projects where code quality, security, and scalability are critical

Payments Accepted:

- PayPal
- Direct Bank Transfer (IN/International)

Working Style:

- **Development Approach:** Agile methodology (standard sprint or task-based flow)
- Task Management: Issue or ticket-based system (e.g., Jira, Trello, GitHub, GitLab Issues)
- Progress Tracking: All actions logged through the task system for transparency

Communication:

- Preferred: Issue system for task updates
- For discussion: Skype or Google Meet
- Optional: Email for formal exchanges

PERSONAL INFORMATION

• Location: Diamond Harbour, Kolkata, India

• Date of Birth: 14 February 1984

• Nationality: Indian

EDUCATION

- Bachelor of Science (B.Sc.) Bangabasi College, Calcutta University 2001–2004
- Higher Secondary (10+2) M.K.K.G.C. Institute, West Bengal Council 2001
- Madhyamik (10th Standard) Moukhali Gopinathpur Gouravbala Vidyalaya, WBBSE 1999

COMMUNICATION SKILLS

- **Bengali** Native
- Hindi Fluent
- English Proficient