

# Akshay Kumar Das

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## SUMMARY

Full Stack Developer with hands-on experience in React, Node.js, Flutter, and AWS. Skilled in building scalable applications, optimizing performance, and owning feature delivery from design to deployment. Passionate about cloud technologies, DevOps, and delivering real-world solutions across web and mobile platforms.

## TECHNICAL SKILLS

- **Frontend** - JavaScript, React Js, Tailwind Css, Bootstrap, React-Query, React-Table, Chart Js.
- **Backend** - Node Js, Express Js.
- **Mobile** - Flutter (Intermediate).
- **Database** - MySql, MongoDB.
- **Programming** - Python, Java, C .
- **Version Control** - Github, Bitbucket.
- **DevOps** - AWS (Beginner), Bitbucket Pipeline (Beginner), Docker, Jenkins.
- **Testing** - Jest (Beginner).
- **Design & Other Tools** - Photoshop, Illustrator, Figma, Canva, MS Office.
- **AI Tools** - ChatGPT, Github Copilot.

## WORK EXPERIENCE

### Software Developer Engineer | Full time | On site

August 2024 - Present

Wellness Connection (via [Dasceq India Pvt. Ltd.](#)), Baguiati - Kolkata

- Led end-to-end **Flutter** feature development, delivering responsive, high-quality mobile UIs.
- Built and enhanced **full-stack features** across web and mobile using **React**, **Node.js**, and **AWS**.
- Integrated AWS services (**S3**, **Lambda**, **EventBridge**, **API Gateway**) to decouple logic and boost scalability.
- Migrated legacy CMS to **Payload CMS**; built custom plugins and improved internal workflows by **60–80%**.
- Owned major features and authored **technical design documents** aligning with product and engineering goals.
- Implemented **Jest** unit tests, improving coverage and reducing regression bugs by **8–10%**.
- Managed **CI/CD** with **Bitbucket**, **Docker**, **Jenkins**, and **AWS**, cutting deployment time by **5–10%**.
- Provided **L2/L3 support** and mentored new engineers, enhancing support response time and onboarding.
- Used **Firebase Realtime DB** for real-time updates and handled app distribution for internal testing/UAT.
- Collaborate cross-functionally, fostering a strong engineering culture and DevOps adoption.

### Software Developer Engineer Intern | Internship | On site

April 2024 - July 2024

Wellness Connection, Baguiati - Kolkata

- Built a patient overview page with **Chart.js** and **React Table** to visualize medical and personal data.
- Led ~85% of UI enhancements; modularized components for reusability and scalability.
- Self-learned **Flutter** in 1 month and built mobile features including a dynamic support page using **Sanity CMS**.
- Integrated **React Query** for API caching; reduced redundant requests by up to **80%**.
- Implemented debounced search, improving performance and cutting API calls by **70–90%**.
- Developed and tested **GraphQL APIs** for smooth frontend-backend communication.
- Optimized codebase for performance; enhanced UI per design specs for a responsive UX.
- Contributed to both **web and mobile** feature development.

## PROJECTS

### Creativenuances - Online Ecom Dress and Jewellery Store | [\[Live Link\]](#)

**Tech Stack:** Next14.js, Tailwind Css, MySql, DaisyUI, Strapi.

- Building a full-featured e-commerce platform with user and admin dashboards, product management using Strapi dashboard, and integrated payment gateways with razorpay and shiprocket.
- Implements modern front-end architecture with responsive design.

### Leaf Tea - Online Tea Store | [\[GitHub\]](#)

**Tech Stack:** Next14.js, Typescript, Tailwind Css, MongoDB.

- Building a full-featured e-commerce platform with user and admin dashboards, product management, and integrated payment gateways.
- Implements modern front-end architecture with responsive design and secure backend using MongoDB.

## IntervuMe - Online 1:1 Mock interview Platform | [\[GitHub\]](#) [\[Live Demo\]](#)

**Tech Stack:** React.js, Node.js, Express.js, MongoDB, Web Socket, WebRTC, Stripe SDK

- Developed a real-time platform where users can book live 1:1 mock interview sessions with mentors.
- Integrated video calling (WebRTC), real-time chat, booking system, and secure Stripe payments.

## Home Service Agency - Online home service booking platform | [\[GitHub\]](#)

**Tech Stack:** Java Servlet, JSP, JSTL, JDBC, MySQL

- Created a booking system for home services like plumbing, electrical work, and haircuts.
- Features include service provider registration, user appointments, and appointment tracking.

## EDUCATION

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### Master Of Computer Application (MCA)

University Of Calcutta, Kolkata

CGPA: 8.68

September 2022 - August 2024

### Bachelor's Degree in Computer Science Hons (B.Sc.)

University Of Calcutta, Kolkata

CGPA: 8.267

July 2019 - August 2022

## ARTICLES

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1. **Authentication And NEXT.js with NEXT Auth, Credentials & Roles.** | [\[Medium\]](#)  
A comprehensive tutorial on implementing authentication in Next.js applications using NextAuth, handling credentials, and managing user roles securely.
2. **How to Fetch data from a local JSON file and render it to an HTML document by using Vanilla JavaScript ?** | [\[Medium\]](#)  
A detailed guide on how to use Vanilla JavaScript to load and display data from a local JSON file, covering key concepts of DOM manipulation and JavaScript's fetch API.
3. **Conquer SSH Key Management in Git Bash with Custom Scripts.** | [\[Medium\]](#)  
A practical article on simplifying SSH key management in Git Bash, with the use of custom scripts to automate processes for developers.

## HACKATHONS

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### Hack4Bengal 2023 | [\[Certificate\]](#)

Created an online mental care platform for users to choose various therapies to alleviate mental stress and improve well-being. [\[Github\]](#)

### Diverson 2024 | [\[Certificate\]](#)

Developed a blockchain-based e-voting system to ensure secure and fair elections. [\[Github\]](#)

## CERTIFICATIONS

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- **Graphics & Web Design** [\[Certificate\]](#)  
*HiTech Animation (Moople - Institute of Animation and Design)* July 2019 - July 2020
  - A comprehensive program covering graphic design principles, web design techniques, and industry-standard tools.

## HOBBIES

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Playing Video Games, Reading Books, Drawing / Handcrafting.

## LANGUAGES

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English, Bengali, Hindi