KANAK KHOLWAL

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WORK EXPERIENCE

Textify AI | *Software Developer Intern*   *Remote,India* (Jan 2023 - Jun 2024)
- Built and maintained core platform features, improving engagement by 220%.
- Led the development of the initial design system and codebase structure.
- Fortified platform security by integrating multi-factor authentication through AWS Cognito; reduced unauthorized access attempts and improved overall platform reliability, addressing top security vulnerabilities.
- Developed RESTful APIs and microservices following Agile practices and CI/CD pipelines, enhancing system scalability on Azure and GCP, reducing deployment time by 30%.

KoinX | *Frontend Developer Intern*   *Remote,India* (Mar 2024 - Jun 2024)
- Optimized SEO and page speed, boosting organic traffic by 150%.
- Initiated and led the migration of multiple frontend repositories from **CRA to VITE** , significantly enhancing build times and performance by **60%.**
- Developed internal UI library, significantly enhancing development efficiency and consistency.

Open Source Contributor and Maintainer   (2022-Present)
- Markdown Editor and Remark Plugins: Built a plugin-based Markdown editor package, increased content rendering speed by 35% with enhanced markdown processing; reached 300+ weekly downloads.
- Serverless Mailing System: Developed an efficient serverless email system, open-sourced for public use.
- Crawler for LLMs: Built an open-source web crawler for AI/LLM model data collection.
- CodeGenX: Go-lang CLI tool designed to streamline project development by integrating popular features.

PROJECTS

NexoNauts.com nexonauts.com **or** github.com/kanakkholwal/nexonauts
an Ecosystem platform for developers   *(*Nextjs, Shadcn UI, MongoDB, Gemini)
- Established a mentorship program connecting experienced developers with newcomers, fostering a collaborative environment and increasing overall developer satisfaction scores to 90%.
- Designed a feature-rich Marketplace,Developer Tools, Tools Search Engine for better developer productivity.

SwipFit github.com/kanakkholwal/swipfit
AI-powered fashion discovery platform   (Typescript, Shadcn UI, PostgresQL, Recommendation System, Gemini API)
- Built a swipe-based fashion recommendation engine, reducing average user selection time by 40%
- Implemented vector similarity search for enhanced recommendations with vector database.

College Ecosystem github.com/kanakkholwal/college-ecosystem or app.nith.eu.org

Developed a multifunctional college website -   *(*Turbo, Nextjs, Shadcn UI, MongoDB, PostgresQL, Firebase)
- Visited over 2,00,000 times for features like overall ranks across batches,branches or college.
- Integration of Real time polling system,Subreddits like communities,Syllabus,Attendance and Room Availability Management,Blood donation like announcement System and more.

SKILLS

Languages: JavaScript, TypeScript, Go, Python, C++
Frameworks: React, Next.js, Express.js, TailwindCSS
Databases: PostgreSQL, MongoDB, Redis, Firebase
Cloud/DevOps: Docker, AWS, GCP, Azure, GitHub Actions, Vercel, CI/CD,
Other: Open Source Development, Performance Optimization, SEO, UI/UX Design
Soft Skills: Team Collaboration, Leadership, Problem-Solving, Time Management, Adaptability, Communication, Initiative

EDUCATION

National Institute of Technology Hamirpur - Himachal Pradesh, India

B.Tech. (Dual), Electronics and Communication Engineering