Shivam Shahi

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EDUCATION

MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY
B.Tech in Computer Science (AI/ML)
2022 - 2026 | New Delhi, India
GPA: 8.3

MODERN VIDYA NIKETAN
Higher Secondary Education
Class of 2022

SKILLS

PROGRAMMING
• JavaScript • TypeScript • Python • C/C++ • Go

LIBRARIES & FRAMEWORKS
• React • Next.js • Node.js • Express • Flask • Apollo Client • LangChain

DATABASES
• MongoDB • Redis • MySQL • PostgreSQL

PLATFORMS & TOOLS
• AWS • Hasura • GitHub • Vercel • Netlify • Cloudflare

MISCELLANEOUS
• Prisma • Mongoose • Turborepo • Zod • GraphQL • Tailwind • Framer Motion • Docker • Kubernetes

COURSEWORK

• Data Structures & Algorithms
• Operating Systems
• Database Management Systems
• Computer Networks
• Machine Learning

AREAS OF INTEREST

• Web Development
• Artificial Intelligence
• Open Source Contributions
• Scalable Systems Design

EXPERIENCE

FULL STACK DEVELOPER, COGNOTOOLS
October 2024 - Present | Remote
- Worked extensively with LangChain and LangGraph to build AI agents, leading to a **30% efficiency improvement** in response generation.
- Implemented a microphone-based UI for an AI resume builder, increasing engagement by **40%**.
- Optimized React components, reducing code complexity by **25%**.
- Managed virtual machines on Microsoft Azure, improving workflow productivity by **20%**.
- Resolved merge conflicts and streamlined the development process, decreasing project delivery time by **30%**.

SOFTWARE ENGINEER INTERN, SMERTIX
April 2024 - October 2024 | Remote
- Built GraphQL API integrations using Apollo Client and Hasura, improving data retrieval by **30%**.
- Developed complex UI forms in Next.js, Chakra UI, and Framer Motion with seamless database integration.
- Optimized query performance, boosting team productivity by **15%** and application response time by **25%**.

OPEN-SOURCE CONTRIBUTOR
October 2023 - Present | Remote
- Contributed bug fixes and feature enhancements to commercial open-source projects.
- Won **$5 in bounties** for contributions. (Bounty PR)

PROJECTS

AI SYMPHONY
Next.js, Cloudflare Workers, Open-Source AI
- Built a scalable AI platform integrating open-source models, reducing response latency by **30%** and boosting engagement by **40%**.
- Provides real-time image and text generation services.
- (Try it here)

POSITIONS OF RESPONSIBILITY
- GDSC Crew Member
- Active contributor in open-source communities.

ACHIEVEMENTS
- Won **$5 in bounties** for open-source contributions.