

AYUSH SHARMA

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Technical Skills

Languages: C, C++, Java, Python, JavaScript

Web Development: Node.js, Express.js, React.js, Next.js, Tailwind CSS, TypeScript, Bun.js, SQL

Databases: MongoDB, Postgres

Tools and DevOps: Docker, Git, Linux, AWS

Profiles: [LeetCode](#), [GFG](#)

Experience

Deepneurons AI LLC

Apr 2025 – Present

Software Developer Intern

Remote

- Built a system integrating 10+ AI models with Stripe for billing and subscriptions, with backend modules and LLM workflows in Python, enabling fully automated pay-as-you-go and subscription operations.
- Engineered scalable frontend and backend modules for AI-driven platforms, improving load times, reducing bundle size, and enhancing user engagement.
- Optimized AWS-based deployment pipelines and implemented automated CI/CD workflows, accelerating production rollouts and reducing infrastructure costs by around 20%.

Phicsit InfoTech Private Limited

Jun 2024 – Jul 2024

Web Application Development Internship

Remote

- Upgraded the backend system for an online-contest organizing application, improving overall performance and UI responsiveness.
- Resolved 30+ critical errors, reducing crashes and enhancing system stability through debugging and maintenance.

Projects

Devploy: Development pods and Docker configurations

Feb 2025

Live at: [devploynest.in](#) | [GitHub: /devploy](#)

- Developed a browser-based platform to launch temporary Docker container instances with Dockerfile/Compose support and an integrated Xterm.js terminal, without SSH config.
- Implemented auto-expiry (15 mins) and guest mode, using OPFS for persistent browser configuration.
- Integrated AI assistance using Codellama-70B via OpenAI API for troubleshooting.
- Technologies: Docker, Node.js, React, WebSockets, Xterm.js, OPFS, Caddy, Postgres

Credential Manager: Manage Passwords/Credentials

Jun 2024

Live at: [cred-manager](#) | [GitHub: /shared-cred](#)

- Created a secure credential management platform with Relationship-Based Access Control (ReBAC) sharing, encrypted image storage, and end-to-end encryption for sensitive user data.
- Integrated Permit.io and Passkey authentication, reducing login friction by around 60% through passwordless access and improving user engagement during testing.

Achievements

- Built a scalable project in a 36-hour hackathon by GDSC DDU — [Credential link](#)
- Created AI-powered Discord chatbot at Code Slush Hackathon — [Discord-chat bot](#)
- Contributed to OpenCode'23 (IIIT-Allahabad), a month-long open-source fiesta — [Credential link](#)

Education

Bundelkhand Institution of Engineering and Technology

Sep 2023 – Aug 2026

B.Tech in Computer Science and Engineering — CGPA : 7.9

Jhansi, Uttar Pradesh

Shri Ram Polytechnic — BTEUP

Sep 2021 – Jun 2023

Diploma in Computer Science and Engineering — 74.95%

Muzaffarnagar, Uttar Pradesh

Position of Responsibility

Management Committee Member — Computer Science Students Council, BIET

Organized tech talks, coding competitions, and networking events for CS students.

Jhansi, India