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
Databases: MongoDB, PostgreSQL
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*