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
Databases: MongoDB, PostgreSQL
Tools and DevOps: Docker, Kubernetes, Git, Linux, AWS
Other: Permit.io, OpenAI API Integration, Discord.js, Bolt-js

Experience

Deepneurons AI LLC   **April 2025 – Present**
Software Developer Intern   *Remote*
- Engineered scalable frontend and backend modules for AI-driven platforms, improving load times by 35%, reducing bundle size by 28%, and boosting user engagement by 40%.
- Integrated 10+ LLM APIs (OpenAI, Anthropic, Gemini) with dynamic routing, real-time usage tracking, and automated billing, enabling 100% hands-free pay-as-you-go and subscription management.
- Optimized AWS-based deployment pipelines, cutting API latency from 450ms to 220ms, achieving 99.9% uptime, and ensuring smooth CI/CD for production releases.

Phicsit InfoTech Private Limited   **June 2024 – July 2024**
Web Application Development Internship   *Remote*
- Upgraded the backend system for an online-contest organizing application, resulting in a 30% improvement in performance and UI responsiveness.
- Resolved over 30 critical errors, reducing crash rate by 25% and enhancing 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   **June 2024**
Live at: cred-manager | GitHub: /shared-cred

- Secure credential management with ReBAC sharing, image storage, and end-to-end encryption.
- Used Permit.io and Passkey login for performance boost and user retention.
- Technologies: Node.js, MongoDB, Express.js, HTML/CSS/JS

Achievements

- Built a scalable project in a 36-hour hackathon by GDSC DDU — Credential link
- Developed 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   **Sept 2023 – Aug 2026**
B.Tech in Computer Science and Engineering — CGPA : 7.9   *Jhansi, Uttar Pradesh*

Shri Ram Polytechnic — BTEUP   **Sept 2021 – June 2023**
Diploma in Computer Science and Engineering — 74.95%   *Muzaffarnagar, Uttar Pradesh*

PMS Public School — Intermediate   **Apr 2020 – June 2021**
Percentage: 93.80   *Moradabad, 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*