AYUSH SHARMA

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Technical Skills

Languages: C, C++, Java, Python, JavaScript
Web Development: Node.js, Express.js, FastAPI, React.js, Next.js, Tailwind CSS, TypeScript, SQL
Databases: MongoDB, Postgres, Redis
AI & Model Integration: LLM APIs, RAG pipelines, vector databases, image, video, and voice models, real-time and tool-based workflows
Tools and DevOps: Docker, Git, Linux, AWS

Experience

Deepneurons AI Services India Pvt. Ltd.   **Apr 2025 – Feb 2026**
Software Developer Intern   *Remote*
- Built and shipped production features for multiple AI products including promptbucks.in and an AI-powered sales funnel platform, working across frontend, backend, and model integration layers.
- Integrated text, image, video, and real-time voice models (live phone-call agents) using Python-based retrieval pipelines, and implemented a separate Stripe billing layer for subscriptions and metered usage.
- Optimized frontend performance, backend APIs, and AWS CI/CD deployments, improving app responsiveness, shortening release cycles, 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 API securely   **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*