

# 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*