

Ayush Sharma

[Portfolio](#) | [GitHub](#) | [LinkedIn](#) | Kanpur, India, 8299124496 | ayushsharma18001@gmail.com

Summary

Aspiring Software Engineer with hands-on experience in building scalable backend systems (Node.js, MongoDB, AWS) and modern frontend interfaces (React.js). Skilled in DevOps automation (Docker, Kubernetes, CI/CD) and system design principles, with a passion for high-performance computing and cloud-native architectures.

Education

Pranveer Singh Institute of Technology

Bachelor of Technology in Computer Science Engineering, CGPA- 8.50

Dec 2022 – June 2026

Kanpur, Uttar Pradesh, India

Skills

- **Programming:** C++, Python, JavaScript, C
- **Backend & DevOps:** Node.js, Express.js, MongoDB, MySQL, AWS (S3, EC2, Lambda), Kubernetes, Docker, Ansible, Jenkins
- **Frontend & Tools:** React.js, REST APIs, CI/CD, Git/GitHub, Figma, Ubuntu Linux
- **Software Engineering:** System Design, Scalability, Load Balancing, Distributed Systems, High Availability

Experience

UnlockDiscount | Full Stack Developer Intern

Dec 2024 – Mar 2025

- Enhanced API performance by optimizing MongoDB queries, implementing Redis caching, and reducing server costs by 20% through load balancing.
- Improved UI/UX using React.js, reducing page load times by 25% and enhancing user engagement.
- Strengthened security with better authentication and revamped website architecture while managing blog pages.
- Led sprint planning and collaborated with QA in daily Scrum calls, ensuring faster delivery cycles and high code quality.

Dtodstint | Team Lead – Website Development

Dec 2024 – Mar 2025

- Spearheaded SEO and performance optimization, boosting organic traffic by 40%.
- Reduced deployment time by 50% through automated CI/CD pipelines, improving DevOps efficiency.
- Refactored site architecture, improving scalability and reducing bounce rates by 20%.

Projects

BinIT -- [GitHub](#) | [Live](#)

- Built a scalable waste management platform tracking 100+ kg of waste, optimizing operations for 1000+ users.
- Designed high-availability backend (Node.js, MongoDB, AWS), reducing data processing time by 30%.
- Developed real-time event tracking & analytics dashboard, improving NGO decision-making.

Sea Guardian -- [GitHub](#) | [Live](#)

- Engineered a fault-tolerant backend with Node.js, AWS S3/EC2, ensuring 99.9% uptime.
- Led a 5-member Agile team, recognized at GDSC Regional Bootcamp for innovation.
- Integrated AI-powered pollution detection (Sentinel-2, NASA MODIS) with 90% accuracy, reducing environmental response time by 40%.

Technical Achievements (Coding & Certifications)

- Achieved 2100+ rating on Leetcode Guardian in 2024 ([ayush-018](#))
- CodeForces Rating 1200+ Pupil ([ayush018](#))
- CodeChef Rating 1600+ 3 Star ([ayush_980](#))
- Hackerrank 6 Star Coder in problem solving ([Profile](#))
- [AWS CLOUD PRACTITIONER ESSENTIALS](#)

Extracurricular Activities

NCC Cadet, UP 55 BN NCC

Jan 2023 – Feb 2025

- Led outreach programs benefiting 500+ individuals