

Ayush Sharma

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

Summary

Software Development Engineer and DevOps practitioner with expertise in full-stack development (MERN), cloud infrastructure (AWS), and CI/CD pipelines. Skilled in building scalable applications, automating workflows, and optimizing systems performance and security.

Education

Pranveer Singh Institute of Technology

Bachelor of Technology in Computer Science Engineering
CGPA- 8.50

December 2022 – June 2026
Kanpur, UP

Experience

UnlockDiscount | Full Stack Developer Intern

December 2024 – Present

- **Professional Experience:** Optimized MongoDB databases, developed back-end systems with Node.js, and enhanced front-end interfaces with React.js, delivering seamless user experiences and streamlined operations.
- **Scrum and Agile Practices:** Actively participated in Scrum meetings, fostering collaboration and ensuring timely project delivery while adhering to Agile methodologies.
- **Customer Engagement and Impact:** Enhanced website functionality, driving a 15% increase in user retention and attracting 1000+ new customers through optimized performance and user-centric design.

Instint.in | Team Lead – Website Development

December 2024 – Present

- **SEO and Engagement Optimization:** Improved website engagement by 40% through strategic SEO enhancements using Google Analytics and performance tuning.
- **Process Efficiency:** Streamlined development workflows, boosting efficiency and ensuring high-quality deliverables.
- **User Retention:** Increased user retention by 30% through functionality optimization and delivering a seamless browsing experience.

Projects

Sea Guardian ([GitHub](#))

- **Architecture and Design:** Built a scalable backend with Node.js, Express.js, and MongoDB, integrating AWS S3 and EC2 for secure storage and fault-tolerant operations, achieving 99.9% uptime.
- **Agile Development:** Led a team of four to develop *Sea Guardian*, a platform for marine pollution tracking, recognized at the GDSC Solution Challenge Regional Bootcamp. Enhanced user engagement by 30% through optimized APIs and streamlined reporting workflows.
- **Innovative Features:** Delivered real-time incident tracking with RESTful APIs and ensured data security using Git and AWS, creating an efficient and user-friendly platform.

Medical Report Analysis-MediCure ([GitHub](#))

- **Tech Stack and Integration:** Integrated machine learning models with Python and Flask for advanced medical report analysis, supported by a responsive front-end built with HTML, CSS, and JavaScript.
- **Architecture and Design:** Engineered a responsive, user-centric interface to facilitate intuitive navigation and enhance the user experience across devices.
- **ML-Driven Insights:** Embedded machine learning capabilities to analyze medical reports, increasing diagnostic precision and driving a 35% improvement in user engagement.

Extracurricular Activities

NCC Cadet, UP 55 BN NCC

January 2023 – Present

- Led community outreach programs that benefited over 500 individuals, demonstrating strong leadership and teamwork skills.

Skills

- **Programming Languages:** C++, C, Python, HTML, CSS
- **Frameworks/Libraries:** React.js, Node.js, Express.js
- **Developer Tools:** Git/GitHub, Amazon Web Services, Firebase, Figma, Ubuntu Linux, Shell Scripting, Docker
- **Automation:** Ansible, Terraform, AWS Services
- **Databases:** MongoDB, MySQL, AWS S3, Oracle
- **Academic Coursework:** DSA, DBMS, OOPS, OS

Achievements

- Achieved 2100+ rating on Leetcode Guardian in 2024 ([ayush-018](#))
- Hackerrank 6 Star Coder in problem solving ([Profile](#))
- CodeForces Rating 1000+ Pupil ([ayush018](#))
- CodeChef Rating 1600+ 3 Star ([ayush-018](#))