

Ayush Sharma

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

Education

Pranveer Singh Institute of Technology

Bachelor's Degree in Computer Science Engineering
CGPA- 8.68

2022–2026

Kanpur, UP

Experience

Oasis Infobyte

August 2024 – September 2024

Web Developer Intern (Full Stack)

- Developed full-stack applications using the MERN stack, improving application performance by 30%.
- Implemented CI/CD pipelines using Git for seamless integration and deployment, improving deployment efficiency by 25%. Developed and maintained APIs, ensuring scalability and fault tolerance for large datasets.
- Managed databases with MongoDB and utilized Git for version control, enhancing collaboration efficiency by 20%.

Projects

Sea Guardian ([GitHub](#))

- **Technologies:** HTML, CSS, Node.js, Express.js, MongoDB, RESTful APIs, Git, AWS S3, Elastic IP, EC2.
- **Description:**
 - Led a team of 4 in developing *Sea Guardian*, an innovative platform designed to combat marine pollution, selected for the GDSC Solution Challenge Regional Bootcamp (India).
 - Enabled real-time reporting and tracking of environmental incidents, contributing to a 30% improvement in user engagement on the platform.
 - Developed scalable and fault-tolerant backend systems using Node.js, Express, and MongoDB for incident reporting. Optimized API performance, handling a 30% increase in user engagement with no downtime.

Vi Quiz ([GitHub](#))

- **Technologies:** HTML, CSS, JavaScript, Python, OpenCV, Git, Responsive Design.
- **Description:**
 - Spearheaded the front-end development for *Vi Quiz*, an innovative online quiz platform enabling virtual participation through visual-based interactions.
 - Designed and implemented a responsive UI using HTML, CSS, and JavaScript, increasing user interaction by 40%.
 - Collaborated with the backend team, ensuring smooth integration with Python and OpenCV functionalities.

AWS Service Automation with Bash ([GitHub](#))

- **Technologies:** Bash, AWS (EC2, S3, Lambda, IAM), GitHub, Automation, Cloud Infrastructure.
- **Description:**
 - Automated AWS infrastructure management using Bash scripts, reducing manual workload by 50%.
 - Integrated monitoring and scaling solutions, ensuring continuous service availability.
 - Integrated version control with AWS infrastructure, creating scripts to list and manage GitHub users, streamlining cloud resource monitoring.

Extracurricular Activities

NCC Cadet, UP 55 BN NCC

Jan 2023 – Present

- **Skills: Leadership, Teamwork, Discipline, Public Service.**
 - Led community outreach impacting 500+ individuals through awareness and disaster management programs.

Skills

- **Programming Languages:** C++, C, Python, HTML, CSS
- **Frameworks/Libraries:** React.js, Node.js, Express.js
- **Developer Tools:** Git, GitHub, Amazon Web Services (AWS), Firebase, Figma, Ubuntu Linux, Shell Scripting
- **Databases:** MongoDB, SQL, AWS S3
- **Academic Coursework:** Data Structures and Algorithms (DSA), Object-Oriented Programming (OOPS), Database Management Systems (DBMS), Operating Systems (OS)

Achievements

- Leetcode Knight 1850+ Rating in contest ([ayush-018](#))
- Hackerrank 6 Star Coder in problem solving ([Profile](#))
- CodeForces Rating 1178 ([ayush018](#))