

Ayush Sharma

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Summary

Aspiring **Software Engineer** with a strong foundation in system design, full-stack development, and cloud-native applications. I have hands-on experience from internships and projects, where I built scalable and reliable solutions using Node.js, React, AWS, and Docker. I am now seeking software engineering roles where I can solve real-world problems with clean and efficient code.

Education

Pranveer Singh Institute of Technology (Affiliated to Dr. A.P.J. Abdul Kalam Technical University - AKTU) 2022–2026
Bachelor's Degree in Computer Science Engineering | CGPA: 8.33 | 83.84% Kanpur, India

Skills

- **Programming & Scripting:** C++, Java (Basics), Python (Intermediate), JavaScript
- **Frontend Development:** HTML, CSS, React.js, Next.js
- **Backend & DB:** Node.js, REST APIs, PostgreSQL, MongoDB, MySQL, Golang (Go)
- **Tools & Platforms:** Git, GitHub, VS Code, Figma, Postman,
- **DevOps and Cloud:** AWS, Docker, Jenkins, CI/CD, Redis, RabbitMQ, Kafka
- **CS Fundamentals:** Data Structures & Algorithms, OOPs, Operating Systems, DBMS, Computer Networks

Experience

- NeuSort | Full Stack Developer Intern | Remote** Apr 2025 – July 2025
- Working on an AI-based assessment platform (EvalAI) using **RabbitMQ** and **Azure** for scalable backend processing.
 - Reduced **Docker** image size by 15% using multi-stage builds, improving **CI/CD** efficiency.
 - Enhancing data workflows and asynchronous task handling to improve system performance and reliability.
- Dt odstint | Software Engineer Intern | Remote** Dec 2024 – Mar 2025
- Designed and implemented **Jenkins**-based CI/CD pipelines with Docker, reducing deployment time by 50%.
 - Improved backend structure and **API** efficiency, making the site more scalable and reducing bounce rates by 20%.
 - Implemented secure **JWT** authentication with **RBAC** and encrypted API calls.

Projects

- Auto-Ship -- [GitHub](#)** May 2025 – July 2025
- Built a custom **Go**-based CI/CD pipeline for **GitHub** repos, cutting manual deployment effort by 80%.
 - Achieved 99% uptime by deploying secure static sites to AWS S3 through an automated **pipeline**.
 - Implemented JWT-based auth using Fiber, reducing unauthorized access attempts by 40%.
- BinIT -- [GitHub](#) | [Live](#)** Jan 2025 – Mar 2025
- Ensured 99.99% uptime by offloading image uploads to **AWS S3**, improving scalability and fault tolerance.
 - Optimized a high-availability backend with indexing and caching, reducing data latency by 30%.
 - Implemented an **AI**-powered chatbot to automate FAQs and reduce support load by 50%.
- Weather App -- [GitHub](#) | [Docker Image](#) | [Live](#)** Apr 2025 – Apr 2025
- Built a **Jenkins** CI/CD pipeline for Dockerized frontend, cutting **EC2** deployment time upto 10%.
 - Dockerized the Weather app for consistent environments, enabling scaling and reducing bugs by 60%.
 - Linked GitHub **Webhooks** with Jenkins for auto-builds and DockerHub pushes, ensuring 100% release consistency.

Certificates

- [Linux Professional Certificate](#) - Canonical Ubuntu Apr 2025
- [DevOps Professional Certificate](#) - PagerDuty Apr 2025
- [Docker Foundations Professional Certificate](#) - Docker Mar 2025

Achievements

- 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 ([CS_2201640100111](#))

Extracurricular Activities

- NCC Cadet, UP 55 BN NCC** Jan 2023 – Feb 2025
- Led outreach programs benefiting 500+ individuals