



# Anshul Sharma

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*Aspiring software engineer with hands-on experience in backend systems, DevOps practices, and AI-driven applications. Eager to contribute scalable solutions while continuously learning and building impactful technology.*

## EDUCATION

### Poornima College of Engineering

Jaipur, Rajasthan

*B.Tech in Computer Science and Engineering (CGPA: 9.125)*

*Aug. 2022 – May 2026*

- Relevant Coursework: Data Structures, Algorithms, Operating Systems, DBMS, OOPs, Computer Networks
- Engaged in technical projects involving backend development, DevOps, and ML APIs.

## EXPERIENCE

### PhysioPlus

*Python Developer Intern*

*July 2024 – August 2024*

- Developed Python scripts to automate healthcare data processing and analysis.
- Integrated ML-based predictive analytics into the company's application.
- Collaborated with frontend developers to integrate backend APIs seamlessly.

### Ikaizen Innovation Ltd.

*Software Intern – C/C++ Development*

*April 2023*

- Worked on C/C++ modules for embedded sensor systems.
- Wrote unit tests to verify correctness and reliability of sensor input processing logic.

## PROJECTS

### Disease Risk Prediction Web App | *Streamlit, KNN, Matplotlib, Pandas*

2025

- Built a multi-page Streamlit web app for predicting diabetes risk using patient data.
- Included visualizations, model evaluation, educational content, and health tips.
- Deployed and optimized the model using JoliB Cloud Platform.

### Academic Publication Summary Tool | *Flask, PostgreSQL, BeautifulSoup*

2025

- Developed a web app that extracts and organizes publication data from BibTeX, Excel, and DBLP.
- Enabled auto-sync with Google Scholar and filtering/export to Word/Excel formats.
- Designed a PostgreSQL schema for persistent storage and historical updates.

### AWS-Based Portfolio Deployment Project | *EC2, S3, Route 53, Flask*

2025

- Deployed a personal project on AWS using EC2 (backend hosting), S3 (static assets), and Route 53 (domain mapping).
- Set up automated deployment and secured app with IAM roles.
- Learned and implemented basic cost management, permissions, and network architecture.

## SKILLS

**Languages:** Python, C/C++, JavaScript

**Web Development:** React.js, Flask, HTML, CSS

**Cloud/DevOps:** AWS (Lambda, EC2, S3, Route 53), Git, Docker (Basics), CI/CD Pipelines

**Database:** PostgreSQL, SQLite

**Concepts:** OOPs, DBMS, Computer Networks, OS, DSA

## CERTIFICATIONS

**GATE CS – Qualified (2025)**

**GATE Data Analytics (DA) – Qualified (2025)**

**Red Hat Certified System Administrator (RHCSA)** (*Completed: May 2025*)

**AWS Certified Solutions Architect – Professional** (*Expected: September 2025*)