

# Shantanu Kumar

Aspiring Software Engineer | Java | AWS | Full-Stack Web Developer

[Download Resume \(PDF\)](#)

## About Me

I am a highly motivated Computer Science undergraduate at Galgotias University (Batch 2022–2026) with a passion for software engineering and cloud computing. Skilled in building scalable web applications, automating processes, and leveraging cloud platforms like AWS to deliver efficient solutions. I thrive in collaborative environments and am committed to continuous learning and professional growth.

Key Strengths: Problem-solving, teamwork, adaptability, strong communication skills, and eagerness to take on challenging projects.

## Technical Skills



# Education

- **B.Tech in Computer Science and Engineering** - Galgotias University  
2022 – 2026 | Current CGPA: 8.3 / 10  
Relevant Coursework: Data Structures, Cloud Computing, Software Engineering, Algorithms, Database Management Systems
- **High School (12th Grade)** - XYZ Board  
Graduated: 2022 | Percentage: 85%

# Projects

- **Traffic Violation Detection System**  
Developed a web application using Java, JSP, Servlets, and OpenCV (Python) for automatic detection of traffic violations from video streams. Implemented real-time alerts and database management with MySQL.  
Tech Stack: Java, Python (OpenCV), MySQL, JSP, Servlets, Bootstrap  
[GitHub](#)
- **Fire Sensor Monitoring System**  
IoT-based system using Blynk 2.0 and Gmail for real-time fire detection and notifications. Designed an embedded solution integrated with cloud for alert management.  
Tech Stack: IoT (Blynk), Embedded C, AWS Cloud Services
- **Real-time Chat Platform**  
Built a scalable chat application with one-to-one and group chat functionality using React.js and AWS for real-time messaging and notifications.  
Tech Stack: React.js, AWS Lambda, API Gateway, DynamoDB, SNS

# Certifications

- AWS Certified Solutions Architect – Associate (Expected June 2025)
- NPTEL Cloud Computing Certification (2024)
- Java Programming & Software Engineering Fundamentals (Coursera) (2023)

# Contact Me

kumar23shantanu543@gmail.com

+91 9258136766

