

# Satyapriya Vamisetty

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## Professional Summary

Computer Science undergraduate (2026) with a CGPA of 9.42 and strong foundations in Data Structures Algorithms, OOP, and System Design. Experienced in building scalable backend systems and full-stack applications using Java, Python, Spring Boot, and the MERN stack. Hands-on with cloud technologies such as AWS, Docker, and CI/CD and certified as a Salesforce Associate. Eager to contribute to impactful technical projects.

## Education

<b>B.Tech</b>	KL University CGPA: 9.42 (Current)	2022–2026
<b>CSE</b>		
<b>Inter</b>	State Board Percentage: 87.6%	2022
<b>10th</b>	CBSE Board Percentage: 77.0%	2020

## Technical Skills

- **Languages:** C, Java, Python, C++, SQL, JavaScript
- **Concepts:** DSA, OOP, DBMS, Operating Systems
- **Backend:** Spring Boot, Flask, Node.js, REST APIs
- **Frontend:** React.js, HTML, CSS, Bootstrap
- **Databases:** MySQL, MongoDB, PostgreSQL
- **Cloud/DevOps:** AWS (EC2, S3, La), Azure Blob Storage, Docker, CI/CD
- **Tools:** Git, GitHub, Pandas, NumPy

## Projects

**Stock Exchange Management System** Developed a full-stack application using Python for stock exchange operations, including trading simulation, analytics, and secure user access.

**Internship Management System** Built using Java full stack with Spring Boot and PostgreSQL; integrated secure login, REST APIs, and role-based access.

**Azure Cloud House Price Prediction** Developed ML model for housing price prediction; visualized insights and trends using Power BI dashboards.

**Cloud-Based Grade Management** Deployed MERN app on AWS EC2, integrated with MongoDB Atlas and CI/CD via GitHub Actions.

## Internships

Cloud Virtual Internship, AWS Academy Built microservices using AWS tools like EC2, Lambda, IAM.

Technical Internship, ElSystem Developed housing price prediction ML model and deployed via Flask.

Social Internship, Vijayawada Leveraged digital tools to address community challenges.

## Certifications

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- Salesforce Certified Associate
- AWS Cloud Foundations
- Red Hat Linux Certification
- Oracle Database Foundations
- Full Stack Web Development (Coursera)
- Machine Learning with Python (Coursera)