

# Vani Jain

Aspiring Software Developer — 5th Semester Computer Science Student

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## Professional Summary

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Enthusiastic Computer Science student with hands-on experience in Agile development practices and a proven ability to collaborate, lead, and innovate within automation-driven projects. Passionate about enhancing productivity in cloud environments through **no-code and low-code AI tools**, enabling smarter and more efficient workflows. Strong foundation in **cloud computing**, software development, and AWS technologies, with practical knowledge of services like EC2, S3, and RDS for deploying scalable **automation** solutions. Proficient in Java and well-versed in **object-oriented programming (OOP) principles**, with strong **logic-building** and problem-solving skills for designing maintainable, high-quality systems. Experienced in full-stack web development using the MERN stack (MongoDB, Express.js, React, Node.js) to build dynamic and responsive applications.

## Education

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### Bachelor of Engineering in Computer Science

Chitkara University, Rajpura, Punjab

Current Semester: 5th

Expected Graduation: June 2027

**Relevant Coursework:** Cloud Computing Basics, Cloud Service Models, AWS Cloud Architecture, Data Structures and Algorithms, Software Engineering (Agile Methodology), Database Management Systems.

## Technical Skills

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<b>Cloud Platforms:</b>	Amazon Web Services (AWS) — EC2, S3, RDS, DynamoDB, Elastic Load Balancer, Auto Scaling, AMIs
<b>Cloud Concepts:</b>	Cloud Deployment Models (Public, Private, Hybrid), Cloud Service Models (IaaS, PaaS, SaaS), Cloud Data Lifecycle
<b>Programming:</b>	Java, C++, SQL, Bash, Javascript, HTML, CSS
<b>Databases:</b>	MySQL, MongoDB, Amazon RDS, PostgreSQL
<b>Operating Systems:</b>	MacOS, Linux, Windows

## Projects & GitHub

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### Job Portal – Full-Stack Web Application

GitHub Repo: <https://github.com/Vani21-ps/Java-JobPortal>

- Developed a **full-stack Job Portal** using **Spring Boot** for backend and **HTML / CSS / JavaScript** for frontend, enabling job seekers, employers, and admins to interact on a single platform.
- Implemented **JWT-based authentication**, **Spring Security**, and **role-based access control** with session management to ensure secure and efficient user operations.
- Designed and exposed **RESTful APIs**, managed **database operations**, and built interactive dashboards, demonstrating full-stack development and real-world enterprise application experience.

### TaskZen – AI-Powered Task Manager

GitHub Repo: <https://github.com/Vani21-ps/TaskZen>

- Developed TaskZen, a full-stack AI-powered task manager using Node.js, Express, MongoDB, TypeScript (TSX), JavaScript, and CSS, enabling users to organize tasks by priority and category.
- Implemented **JWT-based authentication and authorization**, secure user management, and role-based access control for personalised task tracking.
- Built **analytics and AI features** to display task statistics, automate suggestions, and enhance productivity across different task sections.

## Currency Tracker

GitHub Repo: <https://github.com/Vani21-ps/CurrencyTracker>

- Developed a web application to track and convert multiple currencies using REST APIs (Fixer API) for real-time exchange rates.
- Implemented interactive UI with HTML, CSS, and JavaScript, including dynamic charts using Chart.js for data visualization.

## Employability Skills & Leadership

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<b>Project Management:</b>	Sprint planning, task prioritization, risk assessment, progress tracking
<b>People Management:</b>	Team collaboration, conflict resolution, mentorship, knowledge sharing
<b>Communication:</b>	Effective verbal and written communication with technical and non-technical stakeholders
<b>Problem Solving:</b>	Analytical thinking, troubleshooting complex issues, delivering scalable solutions
<b>Adaptability:</b>	Quick learner, embraces change, open to feedback and continuous improvement
<b>Teamwork:</b>	Cross-functional team collaboration, Agile ceremonies participation, peer code reviews
<b>Time Management:</b>	Meeting deadlines, balancing multiple tasks, self-motivated productivity

## Certifications

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- Introduction to Cloud Computing (University Course)
- AWS Certified Cloud Practitioner (In Progress)
- Introduction to Agile Development and Scrum