

# Agnesh K

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## Professional Summary

Electronics and Communication Engineering student with strong skills in backend and frontend development using Java, Spring Boot, React.js, and MySQL. Proficient in building scalable web applications, developing RESTful APIs, and solving real-world problems. Demonstrated ability to learn quickly, work in agile teams, and deliver responsive UI with modern tools. Seeking an entry-level role to apply and grow in the software development industry.

## Skills

**Languages:** Java, JavaScript (ES6), SQL, HTML5, CSS3

**Frameworks:** Spring Boot, React.js, Tailwind CSS

**Tools:** Git, GitHub, Postman, VS Code, IntelliJ, Figma, Maven

**Databases:** MySQL

**Concepts:** REST APIs, MVC Architecture, OOP, Responsive Design, Git Workflow, Agile Methodology

## Education

**B.E. Electronics and Communication Engineering** May 2026 (Expected)

PSR Engineering College, Tamil Nadu

CGPA: 7.7

## Projects

### AI Resume Analyzer & Job Recommender

React, Spring Boot, Tailwind CSS

github.com/agnesh/ai-resume-analyzer

- Built an AI-inspired tool for resume analysis and job suggestions with real-time feedback.
- Implemented drag-and-drop upload UI and ATS-style scoring logic with backend integration.

### To-Do List Web App

React.js

github.com/agnesh/todo-list-react

- Developed a responsive task manager using React with filtering, sorting, and localStorage.
- Focused on mobile-first design and reusable components.

## Academic Experience

### Project-Based Learning – Web Development Focus

2024 – Present

- Designed and deployed end-to-end applications using Spring Boot and React.js.
- Practiced agile sprints, API integration, version control, and frontend responsiveness.
- Emphasized backend logic building, debugging, and component-based UI development.

## Certifications

- Infosys Springboard – Java Programming
- Coursera – React Basics
- Simplilearn – MySQL

## Achievements

- Ranked Top 5% in Infosys Java Certification exam
- Solved 100+ LeetCode problems in DSA (Arrays, Recursion, DP)

## Strengths

- Strong foundation in programming and problem-solving
- Effective communicator and fast learner
- Team player with dedication to writing clean and efficient code