

# Preethi GK

Full Stack Java Developer

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## SUMMARY

Aspiring software engineer with a solid foundation in software development and project management. Eager to leverage skills in designing and implementing technology solutions that drive business success.

## EDUCATION

**BMS Institute of Technology and Management**, Bengaluru

Dec 2021 – June 2025

B.E in Information Science and Engineering

• CGPA: 8.5 / 10.0

## EXPERIENCE

**Cognizant Technology Solutions** – Intern - ADM Java FSE (React)

May 2025 – Sept 2025

- Engaged in full stack development for ADM projects, building reusable React components and integrating REST APIs within Agile sprints, boosting performance by 25% through optimized rendering.
- Tech Stack:* Spring Boot, React.js, Core Java, REST APIs, Agile

**Zeta Coding and Innovative Solutions** – Intern - Full Stack Web Developer

Feb 2025 – May 2025

- Contributed to scalable web applications by enhancing authentication/routing for better security/UX and collaborating with backend teams for seamless API integration and data flow.
- Tech Stack:* React.js, HTML, CSS, JavaScript, API Integration

**Bharat Intern** – Full Stack Web Developer

Sept 2023 – Oct 2023

- Developed Blogging Platform and Task Assignment Tool web apps; cross-functional collaboration accelerated feature releases by 30% and enhanced application performance by 20%.
- Tech Stack:* HTML, CSS, JavaScript

## TECHNICAL SKILLS AND INTERESTS

<b>Languages:</b>	Java (incl. Core Java, OOPS)   JavaScript   C   PHP   Solidity
<b>Frontend Dev:</b>	React.js   HTML5   CSS3   Bootstrap
<b>Backend Dev:</b>	Spring Boot   REST APIs   MySQL   Database Integration
<b>AI/ML:</b>	TensorFlow   MediaPipe   OpenCV
<b>Web3 &amp; IoT:</b>	Solidity   Web3.js   Ethereum   IoT
<b>Tools &amp; Methods:</b>	Git   JUnit   Agile   API Integration

## PROJECTS

### Disaster Management & Emergency Response in Smart Cities

Developed an IoT-based smart alert system for flood and earthquake detection. Implemented real-time dashboards in React for emergency teams, improving disaster response coordination by 40%. Project selected for funding and presentation under KSCST.

- Key Technologies:* IoT, React, Real-time Dashboards, Smart Alerts (Inferred)

### Real-time Hand Gesture Recognition

Built a gesture recognition system that achieved 92% accuracy and reduced processing time by 30%.

- Key Technologies:* MediaPipe, TensorFlow, OpenCV

### Online Job Portal | Hostel Management System

Built a job portal using Bootstrap, HTML, CSS, and React with database integration. Also developed a hostel system to automate admin tasks, improving room tracking and data accuracy.

- Key Technologies:* Bootstrap, HTML, CSS, React, Database Integration

### Blockchain-based Charity Donation Platform

A decentralized application facilitating transparent and secure charity donations using blockchain technology.

- Key Technologies:* Solidity, React, Web3.js, Ethereum

### Online Vote System

A web-based platform for conducting online elections securely, featuring user registration, candidate management, and vote casting.

- Key Technologies:* PHP, MySQL, HTML, CSS, JavaScript