VIGNESH P

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Summary

Motivated MCA student with a strong foundation in Java, web development, and computer science fundamentals. Experienced in building real-world projects, including full-stack applications and machine learning integrations. Passionate about continuous learning and exploring innovative tech solutions.

Education

New Prince Shri Bhavani College, Master of Computer Applications   Sept 2023 – May 2025
- CGPA: 8.8 / 10

Bharath University, Bachelor of Computer Applications   Aug 2020 – June 2023
- Percentage: 80.6 / 100

Open-Source Contribution

Hoppscotch (open-source alternative to Postman, Insomnia), Vue.js   Jul 2025
- Contributed to the Hoppscotch open-source API development tool.
- Implemented feature: *Preserve response viewer scroll position per tab #5193*, now deployed and used in production.
- github.com/hoppscotch/hoppscotch/pull/5193

Projects

Vision-Based Fall Detection System, OpenCV, Python, MediaPipe   June 2025
- Developed a real-time fall detection system using computer vision with Python, OpenCV, and MediaPipe.
- Implemented human pose tracking via camera input only, removing the need for IoT devices, and optimized performance for applications like elderly care and health monitoring.
- github.com/jarvis2754/Fall_detection

Personal Expense Tracker, React.js, Firebase   Jan 2025
- Built a responsive expense tracker using React.js and Firebase for secure expense management.
- Integrated Firebase Authentication and Firestore for real-time data storage.
- github.com/jarvis2754/PersonalExpenseTracker

Skills

Languages: Java, MySQL, HTML, CSS

Familiar: Python, React.js, Firebase, Spring & Spring Boot

Technologies: Git & Github

Internship

Kairaa Tech Serve Pvt Ltd   www.kairaatechserve.com
- Completed an internship contributing to the development of a user-friendly eCommerce website.
- Implemented product listing and filtering features, and performed CRUD operations with Java and Spring Boot, strengthening my skills in building efficient, user-focused platforms.

Certifications

Learn Git and GitHub Course - Codecademy

Learn Java Spring boot - Codecademy