

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: 8.5 / 10

Bharath University, Bachelor of Computer Applications Aug 2020 – June 2023

- Percentage: 80.6 / 100

Peniel Matric hr sec school, Computer Science June 2019 – Mar 2020

- Percentage: 73.83 / 100

Projects

Vision-Based Fall Detection System, OpenCV, Python, MediaPipe June 2025

- Developed a real-time fall detection system using computer vision techniques with Python, OpenCV, and MediaPipe.
- Implemented accurate human pose tracking through camera input alone, eliminating the need for IoT devices.
- Focused on performance and safety to support use cases like elderly care and health monitoring.
- github.com/javi2754/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/javi2754/PersonalExpenseTracker

Skills

Languages: Java, MySQL, HTML, CSS

Familiar: Python, React.js, Firebase

Technologies: GIT, Github

Internship

Kairaa Tech Serve Pvt Ltd www.kairaatechserve.com

- Completed an internship at Kairaa Tech Serve Pvt Ltd, where I learned and contributed to developing a user-friendly eCommerce website using the MERN stack.
- During this time, I was responsible for implementing product listing and filtering features, performing CRUD operations with Node.js and Express. This hands-on experience helped me improve my skills in building functional, efficient, and user-centric eCommerce platforms.

Certifications

Python Beginner to Advanced - GTT

- Completed "Python: Beginner to Advanced" course conducted by GTT in collaboration with Barclays.

Python for Data Science - NPTEL

- Completed the 8-week NPTEL course on "Python for Data Science".