

KARTHIKEYAN MURUGAVEL

Full Stack Java Developer

Chennai, India

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LinkedIn — GitHub — Portfolio

Profile Summary

Detail-oriented and highly motivated Full Stack Java Developer with strong hands-on experience in developing scalable web and mobile applications. Proficient in Java, Spring Boot, React, Flutter, and Python automation. Experienced in building RESTful APIs, automation systems, and real-world projects. Passionate about backend development, clean coding practices, and contributing to fast-growing product-based and startup environments.

Technical Skills

Programming Languages: Java, JavaScript, Python, SQL, Dart, HTML5, CSS3

Backend Technologies: Spring Boot, Spring MVC, Hibernate, REST APIs

Frontend Technologies: React.js, Angular, Flutter

Databases: MySQL, PostgreSQL

Tools & Platforms: Git, GitHub, Docker, Jenkins, Maven, Postman

Core Concepts: OOP, DSA, DBMS, SDLC, MVC, Agile Methodology

Technical Projects

Jarvis AI – Smart Automation Assistant (Python)

- Developed an AI-based desktop assistant inspired by Iron Man's JARVIS using Python.
- Implemented voice recognition and speech processing for system control.
- Built hand gesture and motion detection using computer vision.
- Designed a custom automation module to control laptop operations.
- Integrated object detection for real-time task execution.
- Improved system productivity by automating repetitive manual tasks.

Workflow Automation System

- Built automation workflows using N8N integrating Gmail, LinkedIn, and Google Sheets.
- Implemented trigger-based automation to reduce manual effort.
- Designed reusable automation pipelines using REST APIs.
- Improved productivity by automating repetitive business tasks.

Full Stack CRUD Web Application

- Developed a full-stack web application using Spring Boot and React.
- Implemented authentication, authorization, and role-based access.
- Built REST APIs and integrated MySQL database.

- Followed MVC architecture and clean coding principles.
- Ensured secure data handling and optimized backend performance.

Flutter Mobile Application – OREN® Dress Shop

- Developed a mobile application using Flutter and Dart.
- Implemented product listing, cart, and order management features.
- Designed responsive UI for Android devices.
- Integrated Firebase for backend services and real-time data handling.
- Improved user experience with smooth navigation and UI flow.

Academic Projects & Learning Experience

- Built multiple mini-projects during full stack training using Java and React.
- Implemented CRUD operations, authentication, and validation logic.
- Practiced API integration and database optimization.
- Worked with Git for version control and project collaboration.
- Applied Agile methodology for project planning and execution.

Technical Strengths

- Strong understanding of backend architecture and RESTful services
- Good problem-solving and debugging skills
- Ability to write clean, maintainable, and scalable code
- Hands-on experience with full-stack development
- Quick learner with strong logical thinking ability

Education

Bachelor of Technology – Civil Engineering
Bharath Institute of Higher Education and Research, Chennai
2018 – 2022

Career Objective

To secure a challenging role in a product-based or startup organization where I can apply my full stack development skills, contribute to impactful software solutions, and continuously grow as a software engineer while adding value to the organization.