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Skills

Languages: Java, Python, Swift, JavaScript, TypeScript, SQL

Frameworks: Spring Boot, Spring MVC, Spring Cloud, Spring Security, JPA/Hibernate, React JS, Tailwind CSS

Technologies & Tools: Flutter, Bootstrap, Git, GitHub, Postman, Figma, Eclipse, VS Code, Xcode, REST APIs, Docker, MySQL, Firebase, Redis, Kubernetes, Kafka

Soft Skills: Leadership, Problem-Solving, Innovation & Creativity, Agile Practices (Scrum), Teamwork

Internship Experience

Infosys Springboard

Nov 2025 - Jan 2026

Java Full Stack Developer

- Built and deployed a cloud-native backend using Spring Boot within a Kubernetes cluster, utilising an internal Event Bus for asynchronous processing and Redis Cache to optimise API response times
- Developed a carbon calculation engine integrating external APIs like Carbon Interface and Open Energy Data, and implemented engagement modules featuring gamification logic (leaderboards, badges) and a transactional Eco Marketplace, securing all data with JWT-based authentication and Role-Based Access Control
- Java, Spring Boot, React.js, Tailwind CSS, MySQL, Redis, Kubernetes, Docker, JWT, REST APIs, Carbon Interface API

Zidio Development, Bangalore

Jun 2025 - Sep 2025

Java Full Stack Developer

- Built a scalable microservices ecosystem using Spring Boot and Spring Cloud, setting up 16+ distinct services (including Recruitment, Analytics, and Payment) via Eureka Server for dynamic service discovery and centralized configuration management.
- Developed a secure API Gateway with JWT-based stateless authentication and load balancing, and created recruitment workflows featuring an asynchronous Email Service for real-time notifications and a File Upload Service with path sanitization for secure resume storage.
- Java, React.js, Tailwind CSS, Spring Boot, Spring Cloud, MySQL, API Gateway, Eureka, JWT, Microservices, REST APIs, Docker.

Education

SRM Valliammai Engineering College, Chennai

Oct 2020 - Apr 2024

B.Tech. in Information Technology

CGPA: 7.80/10

Project Work

Wyndra – Dynamic Weather System (2026)

- Developed a responsive weather interface featuring a custom-built WeatherBackgroundEngine and particle systems to simulate real-time atmospheric conditions.
- Created an MVVM layer to efficiently cache and bind 7-day forecast data from WeatherKit, ensuring smooth UI performance and data persistence. Swift, SwiftUI, CoreLocation, WeatherKit.

Carbon Personal Footprint App (2026)

- Built a full-stack sustainability dashboard using Spring Boot and React integrating REST APIs for real-time carbon emission tracking and data visualization.
- Implemented a secure JWT authentication module using Spring Security and a gamified leaderboard system with efficient data persistence in MySQL. Java, Spring Boot, React.js, MySQL, Tailwind CSS.

CRM Application (2025)

- Developed a comprehensive enterprise resource planning dashboard using Spring Boot microservices and React, integrating dynamic Kanban boards and real-time sales pipeline tracking.
- Configured a secure Role-Based Access Control (RBAC) system and an automated rule-processing workflow engine, utilizing Kafka for instant user notifications. Java, Spring Boot, React.js, Microservices, Kafka, Tailwind CSS.

Smart Recommendation Using Emotion Recognition (2024)

- Built an intelligent system using OpenCV and deep learning to detect user mood through real-time facial expression analysis under varied lighting.
- Created an adaptive recommendation engine in Python to personalize media content delivery based on detected emotional cues and historical patterns. Python, OpenCV, TensorFlow, Keras.

On-Road Supply & Service App (2023)

- Built a cross-platform Flutter application integrating Google Maps API for shortest-path calculation and real-time service provider tracking.
- Implemented a secure "Buy Now, Pay Later" module with KYC verification and local data persistence using SQLite and Firebase. Flutter, Firebase, SQLite, Google Maps API.

Certificates

OCI Certified Developer Professional – Oracle

Sep 2025

- Proficient in developing, testing, and securing cloud-native applications on Oracle Cloud Infrastructure.
- Gained hands-on experience in monitoring, troubleshooting, and optimizing serverless and containerized workloads.

OCI Certified AI Foundations Associate – Oracle

Aug 2025

- Proficient in AI concepts including Machine Learning, Deep Learning, and Neural Networks (CNN, RNN, LSTM).

Data Structures and Performance – UC San Diego

Oct 2025

- Mastered Object-Oriented Programming (OOP) principles, algorithmic performance tuning, and unit testing in Java.