



Adarsh Gnanachandran

Full-stack Engineer (Java , React , Python)
AI/ML Enthusiast

📍 Coimbatore
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🌐 <https://adarsh1342.github.io/portfolio/>

Skills

Spring
Framework and Boto

React
Frontend

Apache Flink
Big data processing

System Design

Prompt Engineering and AI Adaption

Languages

Java

Python

Javascript

HTML & CSS

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Publications

Automatic Road Accident Detection Using Deep Learning
Springer
2024
🔗 [springer](#)
4th International Conference on Artificial Intelligence and Smart Energy (ICAIS 2024)
State-of-the-art object detection and classification system using hybrid algorithm combining YOLOv5h and CNN for automatic road accident detection.

Profiles

Adarsh G LinkedIn	Adarsh G GitHub	Adarsh G LeetCode
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Summary

Highly motivated Fullstack Software Engineer with **1+ years** of experience in designing, developing, and deploying robust, scalable applications using **Java (Spring Boot), React, and Python**. Enthusiastic about leveraging technical expertise to explore and integrate **AI/Machine Learning** principles into next-generation software solutions.

Experience

Verizon Intern Software Engineer	Feb 2024 - Jun 2024 Chennai
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Verizon Software Engineer I	July 2024 - Present Chennai
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Gained hands-on experience in modern data technologies and development practices.
Apache Flink | MongoDB | OracleDB | Neo4jDB | CI/CD Concepts Spring Boot | React

Education

PSG College of Technology Computer Science and Engineering 9.34	2020 - 2024 Bachelor of Engineering
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Projects

Inventory Management System
🔗 <https://github.com/Adarsh1342/INVENTORY-MANAGEMENT-SYSTEM-I4-IN-JAVA-.git>
Comprehensive inventory system with product management, stock updates, sales tracking, customer management, and receipt printing. Includes user authentication.
Java, SQL, Swing GUI

Crypto Package (Security Package)
🔗 https://github.com/Viraj-Agarwal/Security_Package.git
Python package for file encryption/decryption with Streamlit web interface. Supports multiple encryption techniques and steganography using OpenCV and numpy.
Python, Streamlit, OpenCV, Cryptography, Steganography

Awards

100 Days Badge 2025
LeetCode
🔗 <https://leetcode.com/medal/?showImg=0&id=7078271&isLevel=false>

Certifications

Apache Flink A Real Time & Hands-On course on Flink J Garg - Real Time Learning 🔗 https://www.udemy.com/certificate/UC-bbfc8d8b-1545-4b8a-9aa4-cba030050309/	March 13, 2024
Spring Framework 6 and Spring Boot 3 Navin Reddy 🔗 https://www.udemy.com/certificate/UC-a291d641-8e94-49cc-95bc-ff55617a3606/	April 5 2025
Mastering Java Reactive Programming [From Scratch] Vinoth Selvaraj 🔗 https://www.udemy.com/certificate/UC-47e5e212-a539-46bd-a5cd-ff7504163be0/	May 2, 2025
The Complete Prompt Engineering for AI Bootcamp (2025) Mike Taylor, James Phoenix 🔗 https://www.udemy.com/certificate/UC-e3e3d3d2-216d-48d9-a34e-b79e1e386d25/	July 17, 2025