

Vinit Oswal

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EDUCATION

IIT JODHPUR

B.TECH MECHANICAL ENGINEERING
(MINOR IN ROBOTICS)
CGPA : 7.04

A.S.D.B. DADAWALA COLLEGE PUNE

HIGHER SECONDARY (HSC) BOARD
Percentage: 87.08%

ST. SEBASTIAN HIGH SCHOOL
SECONDARY (SSC) BOARD
Percentage: 93.80%

SKILLS

PROGRAMMING

•Java •C/C++ •Python •JavaScript

TOOLS

•Spring Tool Suite •Git •Oracle
Database •Windows •JIRA
•Docker •Kubernetes

TECHNOLOGIES & FRAMEWORKS

•Spring Boot •Angular •Node.js
•Microservices Architecture
•CSS •HTML
•MySQL

COURSEWORK

•Computer Programming
•Artificial Intelligence
•Autonomous Systems
•Robotics

CERTIFICATIONS

•Oracle Certified Professional JAVA
SE11 Developer (Oracle)
•Machine Learning (Stanford -
Coursera)
•Problem Solving (HackerRank)
•SQL for Data Science (Coursera)

LINKS

Website: vineetos.github.io
Github: github.com/vineetos
LinkedIn: linkedin.com/vinit-oswal

PROFESSIONAL SUMMARY

Senior software engineer with over 2 years of experience as a Full Stack Developer, specializing in Java and microservices architecture. Proficient in Angular, JS, and Oracle Database. Focused on building scalable, robust applications.

PROFESSIONAL EXPERIENCE

LTIMINDTREE | SENIOR SOFTWARE ENGINEER (FULL STACK)

July 2022 – Present | Pune, Maharashtra

- Serving as a Full Stack Java Developer in banking and financial services, providing solutions for Citi bank as my client.
- Developed high-performance applications using Java, Spring Boot, and microservices architecture, ensuring reliability and efficiency.
- Developed dynamic and responsive user interfaces using Angular, JavaScript, HTML, and CSS, ensuring seamless front-end functionality and an engaging user experience.
- Worked with Oracle Relational Database and Hibernate for effective data management.
- Delivered high-quality user stories on time, applying design patterns with attention to detail.
- Collaborated with diverse teams to ensure timely, high-quality project delivery and continuous improvement.

PROJECTS

SURGISQUARE E-COMMERCE PLATFORM | JAVA - SPRING BOOT, ANGULAR, HIBERNATE, MYSQL

March 2022 – June 2022

- Implemented REST APIs, Spring Security, JWT Token authentication in Spring Boot, connecting to a MySQL database for the backend.
- Utilized Angular to develop frontend components, services, and intuitive UI techniques for enhanced user experience.

SEMI-AUTONOMOUS FIRE-FIGHTING ROBOT | ROS, PYTHON, OPENCV

July 2021 – December 2021

Real time implementation of a fire fighting robot on a Turtlebot3 Waffle Pi robot with a OpenCR manipulator arm and Raspberry Pi camera

- Engineered victim detection in IR and RGB images. Also implemented A-star and DW (Dynamic Window) algorithms for optimal path planning.

OPTIMIZING CNN ARCHITECTURES VIA NEURAL ARCHITECTURE SEARCH | PYTHON, TENSORFLOW

March 2021 – July 2021

Implementation of evolutionary algorithm for searching the best network architecture in NAS space

- Trained 100 models of different CNN architectures on fashion-MNIST dataset of 45000 images using python-tensorflow.

ACHIEVEMENTS

- I-Win Hi-Five Award for consistent performance at LTIMindtree
- Achieved a top 1 percentile rank in the JEE Advanced examination.
- Ranked first in class in 12th grade boards, earning a scholarship for academic excellence.