



AVINASH SAMUDRALA

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WORK EXPERIENCE

Applications Engineer

Oracle

July 2022 – Present

Hyderabad, Telangana

- Led successful transition of Oracle's HCM flows from the traditional ADF-based UI/Services to the more advanced VBCS (Oracle Visual Builder) based UI/services. This initiative not only streamlined the functionality but also enhanced the user experience of Oracle applications.
- Developed backend ADF-BC rest services to support VBCS UI and core functionalities across GHR Person Team.
- Acquired expertise in the principles of Service-Oriented Architecture and microservices, and effectively applied them in practice.

Student Intern

Oracle

May 2021 – July 2021

Hyderabad, Telangana

- EZML - Automated the ML platform which is there on Oracle Cloud Infrastructure(OCI) for user convenience.
- Designed and Developed microservices using Apiary and Springboot framework.
- Acquired hands-on experience in designing relational data structures and executing database queries.
- Developed proficiency in modern object-oriented programming languages, enhancing coding skills and software development knowledge.

Technical Affairs Secretary

Students Affairs Council,NITC

April 2020 – April 2022

Calicut, Kerala

- Successful in raising concerns of about 7000 students of the college around the clock.
- Executed Tathva (NITC's Flagship Techfest), which has an annual footfall of about 100k people from all over India and an overall budget of 1.5 crores.
- Constantly communicated and negotiated with stakeholders to cater to the needs of the college and students.

Assitant Secretary

Club Mathematica,NITC

March 2020 – April 2022

Calicut, Kerala

- Delegated Infinitum, a mental ability quiz with 22000+ attendees from classes 8th to 12th.
- Facilitated and cultivated skills in 35+ junior executives to host various events.

EDUCATION

National Institute Of Technology, Calicut

Bachelor of Technology in Computer Science and Engineering (8.17 CGPA)

July 2018 - May 2022

Calicut, Kerala

Sri Chaitanya Junior College

Higher Secondary Education (97.1%)

June 2016 - March 2018

Vijayawada, Andhra Pradesh

PROJECTS

Hostel Management Web application | PHP, MySQL, JavaScript

- A full-stack web application for managing hostels(allocating rooms,room requests for friends,complaints to admins etc..) via a web portal.
- Implemented User authentication, Password encryption using advanced cryptographic methods, and also an admin dashboard to manage users.

React Projects | ReactJS,Firebase,Typescript,REST

- Viflix : Developed a fully functional clone of Netflix Web App.
- Vi-Weather : Developed a weather forecast app, where users can search for weather forecast for a particular region

VOLUNTEER ACTIVITIES

- Conducted seminars on App/Web Development with Flutter,React for juniors as part of the club activities.
- Volunteered as application developer in Thinktac company during my second year at university of NITC.

SKILLS

Languages: C/C++, Java, Javascript, Python, TypeScript, Dart, HTML, PHP, BASH

Frameworks: NodeJS , ReactJS, NextJS , Gatsby

Databases: MySQL , MongoDB , Oracle

Misc: Docker, Git, ADE, Microservices, Socket Programming , Computer Networks, Linux, Apiary

ACHIEVEMENTS

- Won Crescendo Hackathon 2022
- JEE Mains AIR - 8247