Avinash Samudrala

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Work Experience

Senior Applications Engineer   *September 2024 – Present*
Oracle   *Hyderabad, Telangana*

- Enhanced existing RESTful services using ADF-BC, improving efficiency and reducing API response time by 20%.
- Actively participated in technical discussions, contributing to architectural decisions and best practices to improve system scalability and maintainability.
- Mentored and trained new team members, providing guidance on best practices in software development, Service-Oriented Architecture, and microservices.

Applications Engineer   *July 2022 – Aug 2024*
Oracle   *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.

Student Intern   *May 2021 – July 2021*
Oracle   *Hyderabad, Telangana*

- EZML - Automated the Machine Learning platform which is there on Oracle Cloud Infrastructure(OCI) for user convenience.
- Designed and Developed microservices using Apiary and Springboot framework.
- Developed proficiency in modern object-oriented programming languages, enhancing coding skills and software development knowledge.

Education

National Institute Of Technology, Calicut   *July 2018 - May 2022*
Bachelor of Technology in Computer Science and Engineering (8.17 CGPA)   *Calicut, Kerala*

Sri Chaitanya Junior College   *June 2016 - March 2018*
Higher Secondary Education (97.1%)   *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

Skills

Languages: C/C++, Java, Javascript, Python, TypeScript, PHP, BASH
Frameworks: SpringBoot, NodeJS , Express ,ReactJS , Angular
Databases: MySQL , MongoDB , Oracle
Misc: Docker, Git, ADE, Microservices, Socket Programming , Computer Networks, Linux, Apiary