Avuthu Dipner Reddy

Vijayawada, Andhra Pradesh, India. 521212

📞 +919030298666 | ✉ Dipnerreddy9@gmail.com | 🌐 www.dipnerreddy.in | ⛓ github.com/dipnerreddy

Education

Vellore Institute of Technology   **July 2021 – August 2025**

BTech – Computer Science, CGPA – 8.04/10   *Amaravati, Andhra Pradesh*

Relevant Coursework

- Data Structures and Algorithms
- Object Oriented Programming
- Database Management
- Data Warehousing and Mining
- Data Visualization
- Software Engineering

Experience

Sefe Automations Systems pvt Ltd.   **September 2023 - November 2023**

Java Springboot Developer   *Hyderabad, Telangana*

- Sefe Automations is a dynamic startup company specializing in home automation and EV electronic components. Their product range includes GCMS, Home automation, and electronic components for the Electric vehicles.
- Developed data model and created database objects into PostgreSQL
- Developed the Data Access Object (DAO) layer, employing JPA Hibernate for efficient database interactions and optimal data access.
- Designed and implemented RESTful APIs with functionalities for GET, POST, PUT, and DELETE operations.
- Worked on UI/UX for the Sefe Smart Home+ Application
- Led the documentation efforts for APIs using Swagger, providing comprehensive and user-friendly documentation for internal and external stakeholders.
- Conducted thorough testing and debugging of API functionalities to ensure robust and error-free operation using SonarQube.

Technical Skills

Languages: Java, Python, R,HTML/CSS, SQL, Dart (basic), Flutter (basic)
Frameworks/Libraries: Java Springboot, JUnit, Hibernate, Bootstrap, SonarQube
Developer Tools: VS Code, Git, PostgresSql, PowerBI, RStudio, Android Studio, IntelliJ IDEA, Figma.
Skills: FrontEnd Development and Mobile App development; Data Analysis;Data visualization; Data Structure & Algorithms

Projects

VIT-AP Library Management System | Java Spring Boot [Link]   **Jan 2024 - Present**

- VIT-AP Library Management System is a level library where, one can access the library from anywhere with the help of wifi.
- Developed data model and created database objects into PostgreSQL
- Created GET, POST, PUT and DELETE operations using Java Spring Boot

SEFE Wifi Home Automation | Java Spring Boot [Link]

- Data model development and PostgreSQL database object creation
- created the Data Access Object (DAO) layer, utilising JPA Hibernate to provide optimal data access and effective database interactions.
- created and put into use RESTful APIs with GET, POST, PUT, and DELETE functionality.
- worked on the Sefe Smart Home+ Application's UI/UX.
- Oversaw the usage of Swagger for API documentation, producing thorough and easy-to-read documentation for both internal and external stakeholders.
- used SonarQube to do extensive testing and debugging of API features to guarantee reliable and error-free operation.

Leadership and Other Achievements

Computer Society of India   **Aug 2021-Mar 2022**

I joined CSI VIT-AP in the academic year 2021 when I enrolled at the VIT-AP institute for my undergrad.

- Being a member of the event management team, I gave 101% to the club.
- After noticing my efforts, the club president and faculty coordinator promoted me to the admin department,
- where I earned the responsibility of club manager.
- As a Club Manager, I got to look into 3 departments, V-Code, CSI Special Mention, CSI Marketing Department
- Our club continued to be the finest club of 2021–2022 during that year.