ARJUN PRAKASH D

Junior Software Engineer

arjun09227@gmail.com   +91 8939943232

Professional Summary:

- I have 2.5 years of experience in developing scalable web applications and working with cross-functional teams. Excel in handling app related issues and providing timely resolutions.
- A dedicated team player with excellent communication skills, seeking to bring technical expertise and creative problem-solving skills.
- I am seeking opportunities to leverage my proficiency in Java, Python, SQL, and cloud technologies

Educational Qualifications:

- Bachelor of Engineering (Mechanical Engineering) (2018 – 2022)
  ST. JOSEPH'S ENGINEERING COLLEGE
  CGPA: 8.45

Technical Skills:

- Programming Language   : Core Java, Spring boot, SQL, Python.

- Database   : MYSQL Workbench, JDBC

- Framework   : SpringBoot, Spring MVC

- Web Technologies   : HTML, CSS, JavaScript

- AI Technology   : Generative AI using Python, Github Copilot

- Cloud Technology   : Google Cloud Platform certified

- Tools   : GIT,Postman

Professional Experience:

1.Internship
(Cognizant Technology Solution, TN)   [Feb/2022 – June/2022]

Roles and Responsibilities:
- Trained in Software Development Fundamentals, Core Java, SQL and Web Designing using HTML, CSS, Javascript, Bootstrap.
- Worked on Micro Experience projects of
    - Frontend using HTML, CSS, JavaScript, Bootstrap.
    - Back-end using Core Java. Databases using MySQL
- Worked on Core Java Project - Hotel management System

2.Project Name: **Aetna**
(Cognizant Technology Solution, TN)   **[**Sept/2022 – May/2024]

- Aetna Offers health insurance, as well as dental, vision and other plans, to meet the needs of individuals and families, employers, health care providers.

Roles and Responsibilities:

- Designed and developed scalable, High Performance Web Applications using Technologies such as Java Spring Boot, and SQL
- Implemented RESTful APIs for seamless integration with front-end and other third party services.
- Prepared reports or correspondence concerning project specifications and activities.
- Worked and developed an attendance tracker project with a crew of 5 Members.
- Participated in weekly meetings to facilitate discussion of strategies, solutions, and improvement.

3.**Project Name**: **U.S Bank**
(Cognizant Technology Solution, TN)   **[**June/2024 – Dec/2024]

- US Bank provides a wide range of financial services, including personal and business banking, loans, and investment solutions, tailored to meet the needs of individuals, businesses, and institutions. They aim to deliver exceptional customer service and innovative financial products.

Roles and Responsibilities:

- Involved in team meetings, sharing ideas, and assisting in the development and maintenance of Java-based REST APIs for core banking services. Performed API testing with Postman and helped identify and resolve issues to improve system reliability.
- Designed and developed generative applications using Python for chat-based PDF retrieval and Excel data retrieval as separate projects.

Projects:

1.Hotel Management System - Intern Project (Java)

Technologies Used:
- Frontend: HTML, CSS, React.Js
- Backend: CORE JAVA, Springboot, MySQL

Project Description:
- Developed a project to create an interface medium between Hotel Management and Costumers.
- Built various landing page including Login Page , SignUp page , Add product page , delete project page using HTML, CSS, JavaScript and React Js.
- Used SpringBoot to build the server side and SQL for the database.

2.Spring Boot CRUD API with MySQL (Java)
[Aetna]

Technologies Used:
- Frontend: HTML, CSS, JavaScript
- Backend: Core Java, Spring Boot, MySQL

Project Description:
- Developed a CRUD API to manage a database of products. Implemented endpoints for creating, reading, updating, and deleting products using Spring Boot. Designed and built the server-side logic and integrated it with a MySQL database for persistent storage. Created a user-friendly interface for interacting with the API using HTML, CSS, and JavaScript. Ensured robust error handling and validation to maintain data integrity.

3. Generative AI - Chat based PDF Data Retrieval
[U.S Bank]

Technologies Used:
- Frontend: HTML, CSS, JavaScript
- Backend: Python, Flask
- Generative AI API: Cohere API

Project Description:
- Developed a chat-based PDF data retrieval system using Generative AI. The system reads data from PDF documents and uses the Cohere API to generate responses based on user questions, providing answers within the context of the PDF content.

4.Generative AI - Chat based Excel Data Retrieval
[U.S Bank]

Technologies Used:
- Frontend: HTML, CSS, JavaScript
- Backend: Python, Flask
- Generative AI API: Cohere API
- Libraries: Faiss, Pandas, NumPy

Project Description:
- Developed a chat-based Excel data retrieval system using Generative AI. The system reads data from Excel files and uses the Cohere API to generate responses based on user questions, providing answers within the context of the Excel content.

Certifications:

- Certificates Google Cloud Platform- Professional Data Engineer

- Spring Boot Fundamentals

- Spring MVC

- Generative AI Fundamentals, Intermediate GitHub Copilot

- Google Cloud Platform- Associate Cloud Engineer

- Generative AI Specialization (Python)