Vaibhav Anand

vaibhavanandav@gmail.com ✉

(+91)-907-131-9686 ☎

www.linkedin.com/in/vaibhav-aanand 💼

I'm a coding enthusiast driven by a deep passion for problem-solving. Patience, dedication, and continuous learning are the cornerstones of my journey. As a competitive coder, I thrive in exploring innovative algorithms and designing efficient, optimized solutions, with a strong focus on mastering complex problem-solving techniques. Beyond coding, I prioritize my physical and mental well-being through regular gym sessions and meditation, ensuring peak performance in all areas of life.

EXPERIENCE

GHV Advanced Care Pvt. Ltd. (Pristyn Care)

📅 FEB'2021-FEB'2023   📍 GURGAON, INDIA

Pristyn Care is a health-tech company specializing in minimally invasive medical and surgical procedures, focused on delivering advanced, patient-centered healthcare solutions.

Responsibilities:

- Manage and resolve data-related incidents, ensuring timely updates to the business and customers.
- Monitor and analyze data using SQL and Excel to support operations like client admissions, room allocations, and discharges.
- Ensure data accuracy by reviewing and correcting entries across systems.
- Identify trends and insights through data analysis to drive informed business decisions.
- Create reports and visual presentations to share findings with stakeholders.
- Support end users with data analysis tools and general computer operations.
- Collaborate with teams to implement data-driven improvements.
- Conduct research to aid decision-making, leveraging SQL for data extraction and Excel for analysis.
- Train and support team members in using SQL and Excel for data management.

EDUCATION

Bachelor of Engineering

🎓 VTU UNIVERSITY

📖 COMPUTER SCIENCE AND ENGINEERING

📍 BENGALURU (KARNATAKA), INDIA

Institution

NAGARJUNA COLLEGE OF ENGINEERING & TECHNOLOGY

TECHNICAL SKILLS

- Java
- DBMS & SQL
- Git &Version Control
- HTML, CSS, JavaScript
- Linux
- Google Sheets, Doc & Other Google Product
- MS Office (MS Excel, MS Word, MS PowerPoint)

PROJECT

Project: XURL - URL Shortening Service

- Developed a URL shortening service from scratch, implementing a concrete class that creates long URL to short URL mappings using Core Java.
- Designed and implemented methods for generating random 9-character short URLs and custom short URLs, ensuring unique mappings with error handling.
- Maintained fast retrieval of URLs using hash maps and implemented a method to delete mappings based on long URLs.
- Built a hit counter to track the lookup count for each long URL, providing insights into URL usage.
- Tested all methods thoroughly using test cases to ensure robust functionality.

Skills: Core Java, Interfaces, Debugging, Testing

Project: QMoney - Visual Stock Portfolio Analyzer

- Developed and published the core logic of the portfolio manager as a reusable library, improving application stability and performance.
- Refactored code to support multiple stock quote services, enhancing flexibility and adaptability.
- Fetched stock quotes using Tiingo's REST APIs and calculated annualized stock returns based on purchase date and holding period.
- Refactored the application to comply with an updated interface contract from the backend team, and published the library as a JAR for versioning and distribution.
- Documented library usage by creating examples to guide users in implementing the JAR.

Skills: Java, REST API, Jackson, Interfaces, Code Refactoring, Gradle

Project: QCalculator- Java-Based Calculator Application

- Developed a Java-based calculator application, incorporating fundamental Object-Oriented Programming (OOP) principles.
- Utilized VSCode IDE and Spring Initializer to generate a Java Gradle project.
- Implemented basic arithmetic operations and conducted unit tests to verify functionality.
- Enhanced the calculator to support floating-point arithmetic through method overloading.
- Identified and handled exceptions for invalid data, writing unit tests to ensure correct exception handling.
- Extended the application to include scientific calculator features, reusing and improving existing functionalities.
- Debugged and fixed issues related to syntax, logical errors, and invalid data handling, with additional unit tests for edge cases.

Skills: Java, Unit Testing, JUnit, Exception Handling