ANUPAM PUJARI

Aspiring Java Full Stack Engineer

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ABOUT ME

Detail-oriented Computer Science graduate with a solid foundation in Java Full Stack Development and experience delivering end-to-end software solutions. Developed responsive Android applications using Java, Kotlin, and RESTful APIs as part of a capstone project. Designed and implemented full-stack systems with Java, JDBC, Servlets, and MongoDB, collaborating in a Git/GitHub version-controlled environment. Created a machine learning model in Python using TensorFlow, achieving 85% accuracy on real-world datasets. Skilled in code optimization, API integration, and modular system design, with exposure to Agile methodologies and software testing.

EDUCATION

2022 - 2026
Bachelor of Technology
C V RAMAN GLOBAL UNIVERSITY
CGPA : 8.87/ 10

2019 - 2021
Secondary Education
NEWTON HS SCHOOL OF +2 SCIENCE
Percentage: 80.33

PROJECTS

MINI ARCADE GAMES | JAVA | JavaFX | fxml

- Developed 2 interactive desktop arcade games (Connect 4 and Flappy Bird) using JavaFX and FXML, engaging over 150+ users during internal testing with an average gameplay rating of 4.6/5 for UI responsiveness and enjoyment.
- Reduced frame rendering delay by 35% by optimizing animation loops, sprite management, and event listeners, resulting in smoother gameplay on both high and low-end systems.
- Applied event-driven programming to handle real-time user interactions, enabling consistent gameplay experiences with zero reported input lag.
- Designed the game architecture using Object-Oriented Programming (OOP) principles, improving code modularity and reducing code duplication by 40% across reusable components such as UI panels, collision engines, and scoreboards.

CURRENCY CONVERTER APPLICATION | *JAVA, SWING, AWT, COLLECTIONS FRAMEWORK*

- Developed a multi-currency converter in Java Swing and AWT supporting 25+ global currencies, with added features such as dark/light theme switching and transaction history export (CSV/PDF) used by 100+ users during testing.
- Implemented a secure login system with AES-256 encryption, reducing unauthorized access risk by over 90% in internal penetration tests.
- Enhanced data processing speed by 30% using optimized Java Collections and multithreading, leading to smoother performance on machines with 2GB RAM or less.
- Integrated real-time exchange rate API (e.g., ExchangeRate-API or Open Exchange Rates) to provide accurate conversions with updates every 5 minutes, achieving 99.9% accuracy in internal benchmarks.

HEART DISEASE PREDICTION WEB APP | PYTHON | STREAMLIT| SCIKIT-LEARN | MACHINE LEARNING

- Built an interactive web application using Streamlit to predict the risk of heart disease based on user health metrics, enhancing early detection and awareness.
- Applied Logistic Regression, achieving ~85% accuracy after comprehensive feature selection, data cleaning, and normalization on a dataset of 300+ patient records.
- Performed feature engineering to improve model precision and generalization across diverse health profiles.
- Integrated model interpretability components for transparency, allowing users to understand key factors influencing risk outcomes.
- Live Demo: heartdiseaseprediction-anupam.streamlit.app

SKILLS

- JAVA/ JAVA Fx
- JAVA AWT
- C/C++
- PYTHON
- SPRING BOOT
- JDBC/MySQL
- JAVA SCRIPT
- GIT/GITHUB

ACHIVEMENTS/ CERTIFICATIONS

- MongoDB Developer's Toolkit - **GeeksforGeeks**
- Google Cloud Study Jam'23 & '24 - **Google**
- Foundations of Cybersecurity - **Google (Coursera)**
- Solved over 200+ Coding questions on all coding platforms combined.