FIZA MHATE

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🌐 Portfolio

Professional Summary

Computer Science and Engineering graduate with a solid foundation in software development. Completed an internship at a multinational fintech company, gaining practical experience in **Python**, **Java**, and other technologies while working alongside industry professionals on large-scale projects. Strengthened technical expertise, teamwork, and communication skills. Holder of **Dubai residence visa**.

Education

Indian Institute of Information Technology Pune   **December 2021 – May 2025**
Bachelor of Technology in Computer Science and Engineering   *GPA: 7.78/10*
- Pursued undergraduate study at IIIT Pune facilitated by the SPDC Scholarship awarded by the Government of India

India International School, Sharjah, UAE   **2019–2021**
12th Grade   *94.2%*
10th Grade   *94.5%*

Experience

Nomura   **July 2024 – January 2025**
Information Technology Intern   *Mumbai, Maharashtra, India*
- Developed a **Java**-based regression testing tool generating **HTML/JS** reports to summarize trade comparisons, reducing defect identification time by **40%** and helping the development team resolve issues within hours instead of days, significantly improving trading platform reliability.
- Collaborated with team to build an automation pack in **Java** and **Cucumber** for validating client trade flows, increasing test coverage from **60%** to **90%**
- Introduced Pact contract testing in a **React** project, facilitating smoother integration between front-end and back-end teams and deployed the application on a **Gitlab CI/CD** pipeline. Developed clear documentation to help cross-functional teams understand and adopt the approach.
- Built a **Selenium**-based UI automation pack **(Java, Cucumber)** that executed **150+** automated test cases, reducing manual regression testing effort and ensuring consistent test execution across environments.
- Developed a **Python**-based tool using **JIRA APIs** to auto-create and organize test cases in Zephyr, eliminating **100%** of manual test creation effort

Tech Stack: Java, Maven, Cucumber Testing Framework, Python, React.js, Node.js, Express.js, HTML, JavaScript, Selenium, Jenkins

Skills

Languages: Java, Python, C/C++, JavaScript, HTML/CSS
Libraries/Frameworks: Node.js, React.js, Express.js, Pandas, NumPy, TensorFlow, scikit-learn, Matplotlib, Streamlit, LangChain
Testing Frameworks: Cucumber, Robot, Selenium, JUnit
Tools: VS Code, IntelliJ IDEA, Git, Github
Databases: MySQL, Firebase, MongoDB
Coursework: Database Management Systems, Object Oriented Programming, Operating Systems, Computer Networks, Artificial Intelligence

Projects

NOVO: A Movie Tracking Web Application | *HTML, TailwindCSS, React.js, Firebase*   **Link**
- Developed a web app to explore, track, and save movies/TV shows with secure user accounts.
- Implemented full-stack using **React.js** and **Firebase**, integrating **TMDB API** for real-time content.

PING: Chat Application | *MERN (MongoDB, Express.js, React.js, Node.js), TailwindCSS*   **Link**
- Developed a real-time chat application with instant messaging capabilities using **Socket.io** and the **MERN** stack.
- Implemented **JWT**-based authentication and authorization to ensure secure user access.

InsightPDF: ChatGPT for your PDFs | *Python, Streamlit, OpenAI API, Langchain*   **Link**
- Developed a **Streamlit** application that utilizes **GPT-3.5-turbo** and **LangChain** to answer user questions based on PDFs they uploaded.

Certifications

- Neural Networks and Deep Learning - Andrew Ng (Coursera) Certificate