Thippani Manideep

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EXPERIENCE

Engineers India Limited (EIL)   *Delhi, India*
Software Engineer   *Jul 2024 – Present*

- Spearheaded the development of 6+ enterprise-grade tools for document issuance, transfer, and review, reducing manual effort by 60% and improving turnaround time by 50%.
- Implemented an automated email alert system for document resubmissions, significantly improving compliance and follow-up efficiency.
- Built real-time database sync between StdBureau and ECBD systems, ensuring 100% document accuracy and availability.
- Accelerated client feedback cycles by 40% through internal comment workflows for vendor and EIL document reviews.
- Delivered key enhancements across 5+ critical platforms (VDM, ENGDMS, VPortal, CPortal, ConPortal) using Java, Spring Boot, Node.js, JavaScript, and Oracle DB.

Management Trainee   *Jul 2023 – Jun 2024*

- Developed an internal blog-style portal using Java Spring Boot and React, enabling EIL employees at refinery sites and offices to share updates and information organization-wide or within specific sites, enhancing communication and knowledge sharing.
- Developed a document email automation portal to streamline communication and reduce manual coordination.
- Optimized and refactored existing 5 APIs, improving response time and system efficiency by up to 30%.
- Actively supported project execution and contractor collaboration by enabling seamless data access and Monitoring.

Observe.AI   *Bangalore, India*
SDET Intern   *Jan 2023 – Jun 2023*

- Designed & executed 5 comprehensive test plans, integrating Testim for UI automation for 10 workflows and Postman for API testing. Automated critical regression 4 test plan test cases to accelerate release cycles and reduce manual test load.
- Collaborated with developers to identify functional issues and improve feature stability through manual & automated testing.

EDUCATION

NIT Bhopal (Maulana Azad National Institute of Technology)
B.Tech – Computer Science and Engineering CGPA: 8.75 / 10.0   *2019 – 2023*

Narayana Junior College, Hyderabad
Intermediate (MPC) Percentage: 98.2%   *2016 – 2018*

PROJECTS

- **Bitcoin Price Predictor:** This project aimed to develop a model to forecast Bitcoin prices using deep learning (LSTM). We employed data normalization techniques during preprocessing. This approach resulted in a 3.32% efficiency gain. Libraries used: Pandas, Numpy, Matplotlib, TensorFlow, Keras, Streamlit
- **Word Notifier:** Created a desktop notification program using Python's time, plyer, dictionary, and random modules. The script displays a random daily-use English word with its meaning every hour as a notification.
- **Multilingual Translator:** Built a language translator application using Python that accepts audio or text input. Leverages speech-to-text conversion and converts the input to text and then translates it into two or three languages. Implements data persistence by saving the translated text in a file.

TECHNICAL SKILLS

- **Languages:** Java, Node.js, JavaScript, Python, C++, C
- **Frameworks:** Spring Boot, React, Express,Flask
- **Databases:** Oracle, MySQL, MongoDB,SQL
- **Tools:** Git, Maven, Postman, Eclipse,Intellij, VS Code
- **Concepts:** OOP, REST APIs, DSA, OS, DBMS

ACHIEVEMENTS

- Solved 500+ coding problems on GeeksforGeeks and LeetCode.
- Top 100 on GFG MANIT leaderboard among 4100+ peers.

HOBBIES

- Playing Volleyball, Cooking, Watching Movies and Series