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EXPERIENCE

ASSOCIATE SOFTWARE DEVELOPER – MARSH MCLENNAN   *(Aug 2021 – Jan 2023)*

- Contributed in building an insurance application from scratch using **Angular 11+** and **Nodejs**, ensuring scalability, high performance, and seamless user experience.
- Spearheaded efforts to improve the application's accessibility, achieving a 13% improvement in compliance with **WCAG** standards.
- Developed, deployed features based on client requirements and played a key role in **integrating external libraries** into the existing codebase, with minimal technical debt.
- Worked on integrating **RESTful APIs** using **Node.js** for backend logic and consumed them in frontend applications to enable seamless client-server communication.
- Supported the automation of **Docker container** provisioning and **Kubernetes clusters** using **Terraform**, ensuring scalability, optimized performance and deployment consistency.
- Designed and executed complex **SQL** tasks for efficient storage, retrieval, and manipulation of customer data.
- Conducted **usability testing** and provided actionable insights to enhance navigation and design.
- Utilized **Git** for efficient **version control**, managing codebases and streamlining collaboration.

AI ENGINEER INTERN – THINKIT   *(May 2024 – Nov 2024)*

- Built a smart employee query chatbot using **LangChain** and **Gemini** utilizing **RAG** to answer policy-related questions by retrieving information from internal documents.
- Worked on a sentiment analysis tool using **huggingface** and **BERT** to evaluate employee feedback surveys from various sources, enabling HR department to identify key areas of improvement.

TECHNICAL SKILLS

- **WEB DEVELOPMENT:** Html, CSS and JavaScript/typescript, React + Redux, Angular + rxJS, Nodejs
- **AI Tools and Technologies**: LangChain, Gemini, LLM integration.
- **Database:** SQL, NoSQL, GraphQL
- **Version control:** git, Bitbucket.
- **Fundamental Knowledge**: Object Oriented Design, KNN, Logistic Regression, Machine Learning, LLMs, RAG, Vector databases, AWS, python (NumPy, Pandas), TensorFlow, Tableau.

EDUCATION

- **Graduate:** Master's, Software Engineering, University of Houston Clear-Lake - USA
- **Undergraduate:** Bachelor's, Information Technology, Osmania University – India
- **Schooling:** JSS Private School – Dubai

EXTRA CURRICULAR ACTIVITES

- Collaborated in a company-wide hackathon to design an in-house ERP system tailored to internal HR and resource management needs from which 3 features were added to the final system**. (2022).**

- Participated in monthly Computer Science department student discussions in MJCET on emerging technologies and occasionally developed POCs for elaborating complex concepts. *(2018-2021).*

- Assisted in analysis of data for an NGO to identify key focus areas based on regional needs, and resource allocation requirements. *(2023).*

PROJECTS

- **Reddit-Based Car Insight Summarizer**
  Developed a full-stack **Agentic AI** web application in **React**, **Node.js** and **Python** utilizing **LangChain**, and **Gemini.** The app fetches and summarizes real-time user discussions using **RAG** from Reddit based on a user-provided car model keyword. This tool enables prospective buyers to quickly gain valuable insights and community opinions before making purchasing decisions.

- **Employee Management System**
  Application for employee management using **Angular**, **NodeJS** and **MongoDB**. Integrated external libraries and developed **restAPIs**.