Portfolio

LinkedIn

GitHub

SAI TARUN GAJAMONI

tarungajamoni@gmail.com

+91 8686505849

Hyderabad

Motivated web development professional with over 4 years of experience in IT industry. Passionate about creating user-centric solutions and exploring the potential of AI to develop innovative applications. Excited to join a forward-thinking team, while expanding my skills in full-stack development to deliver impactful solutions in the tech industry

WORK HISTORY

Application Development Analyst | Accenture Solutions, Hyderabad | Mar 2021 – Present

GAIN Studio

Client - Novartis | June 2024 - Present

- Worked on customizing and extending the features of Dify.ai, an open-source platform, by implementing feature enhancements, UI rebranding, and seamless integration of additional functionalities using Next.js and TypeScript.
- Collaborated on refining Dify.ai's front-end to align with project-specific requirements, improving user workflows and optimizing its UI/UX for a broader range of AI applications.
- Developed GenAI ArenaUI, a sandbox within Novartis Gen AI Navigator (GAIN) Platform, using React, Tailwind CSS, and Redux. Designed to demonstrate and manage AI-driven tasks, the UI enables smooth handling of operations like data summarization, language translation, and sensitive information detection.
- Created dynamic file upload and display functionalities in GenAI ArenaUI, allowing users to process files for various tasks with seamless API integration and real-time feedback mechanisms.
- Designed intuitive UI components to automate repetitive processes, improving platform efficiency and enhancing productivity for users managing routine tasks like adverse event detection and document merging.

FASTBot

Client - Novartis | Apr 2023 - May 2024

- Developed and maintained FASTBot, a customized chatbot using the Microsoft Bot Framework to enhance user interaction and provide real-time support
- Collaborated with UX designers to transform wireframes into responsive, cross-device compatible web pages using Tailwind CSS for modern styling
- Integrated MSAL for secure user authentication, ensuring seamless and secure access
- Employed Agile practices in collaboration with cross-functional teams to optimize chatbot functionality and user experience
- Implemented core functionalities such as dashboards and FAQ pages to enhance chatbot and web application usability
- Contributed to design discussions, offering valuable feedback and suggestions for improvements
- Deployed the application via Azure DevOps, ensuring efficient releases and updates, while maintaining high performance and user satisfaction

MyWizard Devops

Accenture Internal Project | Jan 2022 - Mar 2023

- Refactored a legacy application from jQuery to React, significantly boosting performance and maintainability
- Analysed the existing codebase to understand core functionalities and translated it into a modern React architecture, improving scalability and user experience
- Optimized UI/UX and responsiveness while reducing load times through best React practices
- Collaborated with the team to integrate new features and enhancements, ensuring seamless functionality
- Conducted rigorous testing to ensure a bug-free transition and documented the updated codebase for future development

ServiceNow Developer | Ripton Solutions, New Jersey (Remote) | Sept 2020 – Mar 2021

- Successfully completed a Discovery project part of IT Operations Management and maintained Configuration Management Database
- Worked on IT Service Management stories on daily basis customizing and extending ServiceNow applications using JavaScript to enhance user experience and meet specific business needs

SKILLS & INTERESTS

- ReactJS, JavaScript, Tailwind CSS, NextJS, TypeScript, Zustand, Redux, Git, Azure DevOps, MongoDB, NodeJS, HTML, CSS, MySQL, Data Science, Data Structures, Qlik Sense, AWS, Python, ServiceNow

PROJECTS

- **E-Commerce Web Application:**
  - Developed a responsive E-Commerce web application using React and Redux, with MongoDB for robust data storage and Node.js with Express for efficient backend functionality
  - Implemented key features enabling users to view, filter, add/remove products in the cart, and complete orders, ensuring a seamless shopping experience
  - Additionally, designed an Admin portal allowing for efficient product management and order status updates, ensuring optimal user control and operational efficiency
  - Successfully deployed the Application in Vercel

- **Crypto Tracker App with React:**
  - Developed a dynamic and responsive cryptocurrency app using React, incorporating Axios for efficient fetching of live data of various cryptocurrencies to display interactive charts enabling users to track market trends in different currencies effortlessly.

- **Transaction Fraud Detection:**
  - Performed deep analysis of the data and systematic evaluation of various machine learning models using cross-validation. The project's top-performing model, XGBoost, demonstrates an impressive 88.1% balanced accuracy and 94.4% precision for unseen data. This project anticipates 93% profit margin despite occasional misclassification.

- **Customer Conversion Prediction:**
  - The project involved data cleaning, exploratory data analysis, encoding, dataset splitting, scaling, and the application of various classification models, with an accuracy score of 93.54% and an AUROC score of 0.986

- **Car Price Prediction:**
  - A practical application of Linear Regression in the automotive sector, providing a user-friendly web platform for predicting car values and aiding potential buyers and sellers in making informed decisions. achieved a notable R-squared score of 0.92, demonstrating its ability to accurately estimate car prices

CERTIFICATIONS

IBM Data Science Specialization
- Developed proficiency in Python programming for Data Analysis, Machine Learning, Applied Statistical techniques for Data Exploration, and utilized popular data science libraries. Hands-on projects utilizing real-world datasets, including predictive modeling, data visualization, and exploratory data analysis, Web Scraping
- Validate here

Udemy Data Science Bootcamp
- Intensive online bootcamp covering a comprehensive range of topics in Data Science, including Probability, Statistical Analysis, Python Programming, Data Mining and Data Manipulation techniques using Tableau Machine Learning algorithms like Linear Regression, Logistic Regression, K Means Clustering, Neural Networks, Gained a solid understanding of deep learning algorithms and frameworks, TensorFlow and Keras
- Validate here

AWS Technical Essentials and Architecting
- Acquired expertise in essential AWS services (EC2, S3, RDS, Lambda) and networking with VPCs. Mastered architectural best practices for scalable and secure cloud solutions. Applied theoretical knowledge effectively in hands-on labs for practical understanding and application of concepts
- Validate here (Certificate ID: JMMS48C2)

ACADEMIC DETAILS

Year	Degree / Board	Institute	GPA / Marks (%)
2020	B.Tech in Computer Science & Engineering	Sri Indu College of Engg. and Tech.	6.96
2016	State Board of Intermediate Education	Narayana Junior College	91.9
2014	State Board of Secondary Education	Bhashyam Public School	9.3