Amaan Khan

+918291192358 | kamaan551@gmail.com | linkedin.com/in/amaan | github.com/noobProgrammer44

Experience

FACTWISE   **June 2024 – Present**
Software Developer   *Mumbai, India*
- Built an end-to-end **procurement CRM** managing **buyers**, **sellers**, and **vendors**, automating 20+ workflows including lead capture, RFQ generation, negotiation tracking, and contract management, improving operational efficiency by **40%** and supporting **1000+ active users** through a scalable, API-integrated architecture.
- Implemented **permission management** for dashboards and reports, ensuring consistent role-based access control for individual and organization roles, while building various **B2B procurement modules** using **ReactJS** and **TypeScript**.
- Revamped API call handling with **Redux Query**, curtailing unnecessary requests by **40%** and elevating system responsiveness, which led to a **15%** decrease in average page load times. Refactored multiple pages to enhance code quality and resolved **30%** of existing bugs.

IIT PATNA   **September. 2023 – March 2024**
Machine Learning Intern   *Patna, India*
- Developed a task-offloading strategy for IoT edge devices using **LSTMs and Deep Reinforcement** Learning, reducing task drop rates by **22%** and lowering overall computational costs by **18%**
- Enhanced IoT decision-making efficiency by **optimizing for task delays, energy consumption, and network congestion,** which improved system throughput by **20%** and reduced latency by **15%**.

FEYNN AI   **April 2023 – July 2023**
Machine Learning Intern   *Guwahati, India*
- Performed **market and customer segmentation using machine learning**, enabling targeted marketing strategies that improved campaign accuracy by 25% and boosted client sales revenue.
- Leveraged **advanced data analysis** to identify key trends and correlations,leading to a **15%** increase in quarterly sales by optimizing marketing strategies across global and local markets.

Education

Rajiv Gandhi Institute of Technology   **January. 2020 – May 2024**
BE COMPUTER ENGINEERING - 8.91 - Average   *Mumbai, India*

Technical Skills

Languages: JavaScript,Typescript, Python, C , C++ , MySQL , Java , HTML/CSS
Technologies/Frameworks: React, NodeJS,Version Control, Redux, Material-UI,Firebase, Tailwind, TensorFlow
Libraries: React Hook Form, Redux Query, Zod,Jest,React Router, pandas, NumPy, Matplotlib
Developer Tools: Git, Docker, Postman,React & Redux Developer Tools, SQL Server Management Studio,VS Code,Npm

Projects

FoodHub:Real-time Food Ordering App | *React JS, Redux, Jest, Tailwind,Stripe,Unit Testing*   **January 2024**
- **Implemented user authentication with restricted routing** and **dynamic location-based restaurant** search, integrating the **Swiggy API** to provide real-time restaurant listings, menus, and images using **REST API** principles.
- Developed advanced features including **real-time search, restaurant filtering, cart management, and Stripe payment gateway integration** to ensure a seamless and secure ordering experience.
- Optimized application performance by implementing lazy loading, and maintained high code quality with **100% integration and unit test coverage** using modern testing frameworks.

Grow More: AI-Based Video Analysis | *Python, TensorFlow, NLP, React.js, YouTube Data API*   **March 2023**
- Orchestrated an **AI-driven video analysis tool** using **Python**, **TensorFlow**, and **YouTube Data API** to optimize YouTube content by providing **customized recommendations** based on visual, audio, and caption analysis.
- Built an interactive **analytics dashboard** with **React.js** to consolidate **audience demographics**, **competitor analysis**, and **performance metrics**, empowering creators to make **data-driven content strategies**.

Publications & Achievements

- Published a research paper titled "Depression Detection Using Machine Learning" in the International Research Journal of Engineering and Technology (IRJET).

- Secured 3rd place out of 600+ participants in Codertine, a competitive programming contest hosted by Coding Ninjas.