Saud Jamal

linkedin.com/in/saud-jamal | +92 3330206826 | jsaud7308@gmail.com | saud-portfolio-pi.vercel.app/ | github.com/SaudJamal2003

SKILLS & INTERESTS

Skills: ReactJS | NextJS | Node.js | ExpressJS | JavaScript | TypeScript | Strapi CMS | Firebase | SQL | MySQL | HTML5 | Python | Mantine UI | Material UI | CSS | Bootstrap
Interests: Full Stack Development and AI Development

EXPERIENCE

EMPIRIC TECHNOLOGY
Trainee Full stack Software Engineer | Onsite   *January-Present, 2025*
- Developed the company's website using Next.js for a fast, modern, and scalable frontend.
- Utilized Strapi CMS for efficient content management and seamless frontend integration.
- Building an AI-powered sales agent using Gemini API and Retrieval-Augmented Generation (RAG) to enhance customer interactions.
- Led full-stack feature development from concept to deployment, collaborating with designers and backend engineers.

KNYSYS
Software Engineering Internship | Onsite   *November-December, 2024*
- Collaborated with the development team to identify, debug, and resolve issues in existing projects using Python and the Odoo framework, ensuring smooth functionality and enhanced system reliability.
- Assisted in developing and improving modules within the Odoo ERP system, contributing to feature enhancements and system customization.

HEADSTARTER
Software Engineering Fellowship | Remote   *July-September, 2024*
- Worked on integrating Gemini API and OpenAI API into multiple projects, including the development of an AI-powered chatbot, AI flashcard system, and payment integration with Stripe.
- Completed 5 projects in 7 weeks, demonstrating strong technical proficiency and problem-solving skills.

OPEN-SOURCE WORK

Educationist
Android Application   *December 2023-January 2024*
- Collaborated on the development and launch of 'Educationist' an app that streamlined access to O' level past paper catalogs for students worldwide, enhancing student preparation and learning efficiency.
- Utilized JSON for lightweight data storage, optimizing Android integration and enhancing app performance.
- Leveraged advanced AI capabilities to make math problem-solving faster, more accessible, and highly interactive.

PROJECTS

PredictEd – AI-Powered Exam Preparation Platform
Full Stack Web Application   *August-Present, 2024-2025*
- Developed an AI-driven system that generates Cambridge-styled exam papers based on selected topics.
- Implemented a timed exam simulation with automated assessment and detailed performance reports.
- Designed a responsive frontend and integrated parental controls for progress tracking and student management.

Helping Hands
Full Stack Web Application   *January-April, 2024*
- Designed and launched 'Helping Hands', facilitating online donations to charity foundations, thereby increasing donation accessibility and charity outreach.
- Implemented features allowing users to register as volunteers and view their donation history, promoting user engagement and volunteer participation.
- Built an AI chatbot to enhance user experience by addressing common queries like donations, website navigation, and volunteer opportunities seamlessly.
- Utilized Node.js/Express.js for server-side development due to its scalability, React.js for responsive UI, MySQL for data management, and Figma for design collaboration.

EquaSolve
AI-Powered Math Tool   *August-September, 2024*
- Engineered an innovative tool that solves complex algebraic, trigonometric, and graphical math problems, delivering real-time solutions with dynamic visualizations.
- Integrated a generative AI model to process user inputs and deliver precise solutions, streamlining traditional math problem-solving methods.
- Designed an intuitive interface for users to input equations and functions, enabling seamless interaction and precise graphical outputs.