Tasnim Ur Rahaman Anas

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Software Engineer with expertise in full-stack development, AI/ML, and modern frameworks. Experienced in building high-performance, customer-centric applications and collaborating with cross-functional, international teams

Skills

Languages: C++, Java, TypeScript, JavaScript, Python, PHP, SQL
Libraries & Frameworks: React, Redux, Express.js, Laravel, Flutter, TensorFlow, Transformers, PyTorch
Databases: MySQL, PostgreSQL, MongoDB, Firebase (NoSQL)
Cloud Platforms & Tools: Amazon Web Services (AWS), Firebase, Git, Linux, Bash

Experience

Software Engineer, Ollyo – Dhaka, Bangladesh   July 2024 – Present

- Part of the core team behind Droip, Ollyo's flagship no-code website builder for WordPress, enabling users to design and deploy sites via a drag-and-drop editor without writing code
- Worked on AI-powered site generation feature by fine-tuning LLaMA-3 on internal templates and prompt data, enabling automated, editable element generation, and reducing manual design time for users by 40%
- Converted Figma designs into reusable React components to improve UI consistency, reducing frontend bugs
- Reduced app startup latency and improved editor responsiveness by 25% by migrating state logic to Redux Toolkit, memoizing costly renders, and cutting API calls per load from 25 to 14
- Developed a modular plugin framework for integrating third-party services (e.g., Google Auth, SMTP) through PHP hooks and custom post types, allowing users to add website functionalities without coding
- **Tech stack:** JavaScript, React, Redux Toolkit, PHP, WordPress, Python, Transformers, AI/LLM, MySQL

Software Engineer Intern, HighRadius – Bhubaneswar, India   May 2023 – May 2024

- Joined the AI/ML team developing ML-powered tools for automating financial processes, used by 850+ global enterprises, including Fortune 500 firms
- Built machine learning models to predict future sales from historical invoice data, which helped clients better manage liquidity and reduce cash-flow volatility
- Designed robust data pipelines using pandas to clean and normalize heterogeneous datasets (missing values, inconsistent schemas, outliers), improving model accuracy by 8%
- Refactored 50+ React components from class to functional using hooks to align with the new design system, reducing code duplication by 30% and easing future feature work
- **Tech stack:** TypeScript, React, Redux, Java, Spring Boot, Python, Machine Learning, Data Analysis, MySQL

Projects

Quit Addiction Mobile App ↗   Flutter, Dart, Firebase, Authentication, Android, iOS

- Built a Flutter-based mobile app with Firebase Auth and real-time chat to help users break addictions.
- Designed an intuitive interface with smooth navigation and live community support features.
- Scaled to 1000+ installs on the Play Store with high user engagement and positive feedback.

AI-Powered Sales Management Web-App ↗   React, Python, ML, Java Servlets, Flask

- Developed a full-stack dashboard for managing leads, invoices, and forecasting sales using ML models
- Built responsive UI with React, MUI, and Chart.js, and implemented backend APIs with Java Servlets
- Trained and served Random Forest/XGBoost models via a Python and Flask backend for real-time predictions.

Education

Kalinga Institute of Industrial Technology – Bhubaneswar, India   May 2024
Bachelor of Technology in Computer Science and Engineering