

# Tasnim Ur Rahaman Anas

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Software engineer with 2 years of experience in React.js, PHP, Python, and AI/ML model development. Skilled at building fast, customer-focused applications and collaborating with cross-functional global teams. Currently pursuing M.Sc. in AI in Italy and seeking summer internship opportunities starting from May to August 2026.

## Education

<b>University of Trento</b> , Trento, Italy M.Sc. in Artificial Intelligence Systems	Sept 2025 – Present (June 2027) Merit Scholarship Awardee
<b>Kalinga Institute of Industrial Technology</b> , Bhubaneswar, India B.Tech. in Computer Science and Engineering	July 2020 – June 2024 Merit Scholarship Awardee

## Experience

**Software Engineer**, Ollyo – Dhaka, Bangladesh July 2024 – August 2025

- 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
- Trained LLaMA-3 AI model on internal templates and prompt data for prompt-based site creation feature, enabling automated, visually editable block generation, and reducing users' site design time by 20%
- Reduced app startup latency and improved editor responsiveness by 10% by migrating frontend state logic to Redux store, 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 posts, allowing users to add website functionalities without writing code
- Converted Figma designs into reusable React components to improve UI consistency, reducing frontend bugs
- **Tech stack:** JavaScript, React, Redux, PHP, WordPress, Python, Transformers, AI/LLM training, 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 20+ 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

## Skills


**Languages:** JavaScript, TypeScript, Python, PHP, SQL

**Libraries & Frameworks:** ReactJS, ExpressJS, Redux, Flutter, TensorFlow, Transformers, PyTorch

**Databases:** MySQL, PostgreSQL, MongoDB, Firebase Firestore and Realtime database

**Cloud Platforms & Tools:** Amazon Web Services (AWS), Firebase, Git, Linux, Bash

## Projects

**Quit Addiction Mobile App**  Flutter, Dart, Realtime chat, 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 1M+ installs**, optimizing for reliability and seamless real-time interactions under heavy load

**ML-Powered Sales Forecasting with Dashboard**  React, Material UI, 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 prediction APIs