



Utsab Ojha

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EDUCATION AND TRAINING

Bachelor of Technology in Computer Science & Engineering

National Institute of Technology Rourkela, India [23/06/2019 – 30/06/2023]

City: Rourkela | Country: India | Website: <https://nitrkl.ac.in> | Level in EQF: EQF level 6

WORK EXPERIENCE

Member of Technical Staff

Lyxr AI [04/11/2024 – Current]

City: Remote | Country: United States

- Helping Lyxr to build scalable AI solutions.

Sr. Software Engineer

TheraMe [01/07/2023 – 01/11/2024]

City: Remote | Country: United States

- Led a cross functional team of developers & testers in creating **REST APIs**, overseeing feature development, performance and integrations.
- Implemented the deployment pipeline with **GitHub Actions and AWS**; managed rate limiting, caching, error handling and observability.
- Developed AI module to predict user's mental health state using LLM and **fine-tuning** with Python.
- Adapted to multiple roles in a dynamic startup environment, contributing to various aspects of the feature lifecycle.

Software Engineer

MetaSky [09/07/2022 – 01/06/2023]

City: Remote | Country: India

- End to End ownership of design and implementation of payout module for SAAS-**Web3** product.
- **Integrated** payment service APIs for fast and reliable digital payments.
- Constructed module for **3-leg authentication** to consume Twitter's account activity webhook API.
- Collaborate closely with Engineering teammates to ramp up and contribute to existing projects.

Software Engineer Intern

Hora.AI [10/03/2022 – 20/05/2022]

City: Gurugram | Country: India

- Produced & refactored REST APIs with database performance in mind, reducing the response time by **50 percent**.
- Developed a new feature that allows **1000+** users to get real-time notifications using Websocket.
- Automated the process of updating data from spread-sheet to MongoDB making the process 90% more efficient.
- Learned and focused on development of areas as instructed by senior team members, expanding knowledge of Elasticsearch, Docker, CI/CD, Git, Microservice architecture, and Kubernetes.

Co-founder

RootWhisper - Ecommerce Startup [15/09/2023 – 03/11/2024]

City: Dhaka | Country: Bangladesh

Co-founded and helped build the e-commerce website for RootWhisper, featuring cod and payment API integration, user management, and authentication, as well as third party delivery API integration. Used Nextjs, supabase, sentry.

LANGUAGE SKILLS

Mother tongue(s): Bengali

Other language(s):

English

LISTENING C1 READING C1 WRITING B2

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

General Programming

Typescript/Javascript / Python / C++ / SQL

Runtime & DB

Nodejs / PostgreSQL / MongoDB / MySQL

Concepts & Tools

SOLID / Git / RESTful api / OAuth / ELASTIC STACK (ELK) / Caching

Frameworks

Nextjs / Reactjs / Expressjs / Fastify / TypeORM/mongoose / Vuejs / Tailwindcss

Cloud and Automations

Docker / CI/CD / AWS (EC2, S3, ECR, RDS)