FAHIM UDDIN

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I'm a Master's student in Artificial Intelligence with a strong background in software engineering, specializing in building intuitive and efficient applications. I'm actively seeking a working student role to apply my technical expertise practically, expand my AI skills, and support innovative projects..

EDUCATION

M.Sc. in Artificial Intelligence | FAU Erlangen-Nürnberg — Erlangen, Germany | Apr 2024 - Present

B.Sc. in Computer Science and Engineering | North South University — Dhaka, Bangladesh | Jan 2017 - Jan 2022

WORK EXPERIENCE

SENIOR SOFTWARE DEVELOPER | Eucaps — Stockholm, Sweden (Remote) | Jan 2022 – Apr 2024

- Collaborated with the CTO and Project Manager to align technical while managing a front-end team of four.
- Developed a design system, ensuring consistency across the platform.
- Implemented search functionality with caching, enhancing search performance by 30%.
- Built a role based admin dashboard to streamline platform monitoring, reducing maintenance time by 40%.

SOFTWARE DEVELOPER | NeovoTech Ltd. — Dhaka, Bangladesh | June 2021 – Aug 2022

- Optimized backend code and database queries, reducing API response time by 30%.
- Improved system performance by 40% through migration to Next.js with TypeScript.
- Boosted application efficiency by reducing network calls.

FRONTEND DEVELOPER (Part-Time) | Abia — Dhaka, Bangladesh | Mar 2019 – May 2021

- Developed 7+ React.js web applications across various industries.
- Led client communication, refined deliverables, and prioritized features..
- Built an online booking platform for mental health coaching, increasing bookings by 50%.

SKILLS

Programming: Python, JavaScript, TypeScript, PHP, SQL
Frontend: React, Vue, Next.js, Tailwind
Backend: Node.js, Express, NestJS, FastAPI
Databases: MySQL, PostgreSQL, DynamoDB, MongoDB
DevOps & Cloud: Git, Docker, AWS, GCP, Firebase, Vercel
AI/ML: TensorFlow, PyTorch, scikit-learn, OpenCV

PROJECTS

Smart Route Planning | Link — April 2025 - Present
React, FastAPI, Google OR-Tools, Docker

- Developing a backend system for real-time vehicle route optimization using Google OR-Tools.
- Integrated Google Distance Matrix API and implemented caching to reduce API cost.

PUBLICATIONS

Explainable AI in Diagnosing and Anticipating Leukemia Using Transfer Learning Method | Link — 2021
A study on Acute Lymphoblastic Leukemia (ALL) using transfer learning to automatically classify the disease. The results were verified using the LIME algorithm to ensure accuracy and explainability.