AL MUNTASIR ABIR

Dhaka, Bangladesh | +8801837362265 | abir4u2011@gmail.com
GitHub: github.com/amabirbd | LinkedIn: linkedin.com/in/almuntasir-abir-178889135

Professional Summary

Fullstack Software Engineer with 4 years of experience building scalable SaaS platforms, AI-powered applications, and high-performance backend systems. Expert in **TypeScript, Node.js, Next.js, PostgreSQL, and Python**. Proven track record in designing backend architectures from scratch, multitenant systems, and event-driven architectures. Specialized in RAG pipelines and AI-powered workflow automation.

Work Experience

Software Engineer — Wander Woman *July 2024 – Present*

- Architected and developed the entire backend system from scratch for a large-scale travel platform using **TypeScript, Express.js, and PostgreSQL** with an **event-driven architecture**.
- Engineered core systems for booking management, installment payment workflows, and internal admin dashboards (CRM/CMS/HRMS).
- Developed frontend modules for internal dashboards and user-facing applications using **Next.js**.
- Integrated SSLCommerz payment gateway and implemented complex financial workflows for installment-based bookings.
- Optimized APIs and database performance to support **1.5K–2K daily active traffic** and low-latency handling.

Software Developer — Turtle Venture *March 2022 – July 2024*

- Developed and maintained fullstack business applications using **React.js, Node.js, and PostgreSQL**.
- Designed scalable backend APIs and internal business workflows for multiple client projects.
- Streamlined deployment workflows and integrated various third-party service providers.

Featured Projects

Wander Woman (Travel Platform)

- Built the entire backend infrastructure from scratch and critical frontend modules for a comprehensive travel ecosystem.
- Developed a **Next.js** user-facing web application and an internal **CRM/CMS/HRMS** dashboard for streamlined operations.
- Implemented an **event-driven architecture** using **TypeScript, Express**, and **PostgreSQL** to ensure system scalability and reliability.

RAG SaaS MVP (Multitenant AI Platform)

- Independently built a multitenant AI platform enabling organizations to query internal documents via semantic search.
- Implemented tenant isolation, vector embeddings, and retrieval pipelines using **FastAPI, LangChain, and ChromaDB**.

Enhancivity (AI Productivity)

- Developed the backend for an AI-powered email productivity platform integrating **OpenAI APIs** for smart sorting and summarization.
- Built automated task generation workflows using **Express.js and PostgreSQL**.

Property Rental Platform

- Engineered the backend architecture for an Airbnb-style platform using **Drizzle ORM** and Next.js API routes.
- Developed robust booking systems and property management modules.

Technical Expertise

Languages	JavaScript, TypeScript, Python
Backend	Node.js, Express.js, NestJS, FastAPI, REST APIs, Microservices, Event-Driven Architecture
Frontend	React.js, Next.js, Tailwind CSS
Databases	PostgreSQL, MongoDB, Redis, ChromaDB

AI / LLM	RAG Pipelines, LangChain, Ollama, CrewAI
DevOps & Tools	Docker, Git, CI/CD, RabbitMQ, AWS

Education

B.Sc. in Computer Science & Engineering | Sheikh Burhanuddin Post Graduate College, Dhaka (2015 – 2019)