

Wasik Ahmed Apon

Junior Software Developer

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Career Objective

Highly motivated developer proficient throughout the software development lifecycle, from requirement engineering to deployment using DevOps practices. Eager to leverage strong foundational skills in application development, secure data management, and modular system design to contribute to complex, innovative projects.

Experience

- Jul 2025 – **Junior Software Developer**, *MADD Technology*, Banani, Dhaka, Full-time
Present
- Develop and maintain backend systems and REST APIs using Node.js, FastAPI and Django REST Framework.
 - Build and support reusable backend components and SDKs using Node.js and TypeScript.
 - Migrate legacy PHP codebases to modern Python and Node.js backends.
 - Collaborate with the frontend team for seamless integration.
 - Participate in requirements analysis.
 - Work on optimizing backend performance and ensuring application reliability.
- May 2025 – **Software Developer Intern**, *MADD Technology*, Remote, Internship
Jun 2025
- Contributed to the development and maintenance of backend APIs.
 - Assisted with the integration of third-party external APIs into existing applications.
 - Collaborated with senior developers on bug fixes and feature enhancements.
 - Participated in weekly scrum meetings, providing updates and demonstrating development progress.

Projects

Personal Portfolio Website, *Personal Project*, wasikahmed.com

Tech: Next.js, TypeScript, Tailwind CSS, Docker, GitHub Actions

- Developed a high-performance, responsive portfolio using **Next.js**, **TypeScript**, **Tailwind CSS**, **shadcn/ui**, and **Framer Motion**.
- Implemented a full **CI/CD pipeline** using **Docker** and **GitHub Actions** for automated builds.
- Configured automated deployment to a production environment on an **Oracle Virtual Machine**.

Neeramoy Desktop (Offline-First Healthcare App), *Professional Project*, neeramoy.com

Tech: Node.js, Angular, Electron.js, TypeScript, SQLite3, Tailwind CSS

- Contributed to a cross-platform **offline-first** desktop app for the Neeramoy healthcare platform.
- Managed the **local database** architecture using **SQLite3** for seamless offline operation.
- Engineered the **data synchronization** logic to sync local records with the cloud database upon connection.
- Handled **backend integration**, assisted with **Tailwind CSS** component UI, and maintained developer collaboration.

Neeramoy SDK, *Professional Project*, npmjs.com/package/neeramoy-sdk

Tech: TypeScript, Node.js, AWS Cognito, Axios

- Designed and built a modular **TypeScript SDK** to handle all backend API communication for Neeramoy applications.
- Integrated **AWS Cognito** for secure user authentication (OTP login) and session management.
- Provided a clean, strongly-typed interface for developers, simplifying integration and reducing boilerplate code.

E-commerce Platform, *Personal Project*

API Docs: shop-api.wasikahmed.com/api/docs

Frontend: shop.wasikahmed.com

Tech: Django REST Framework, MySQL, Next.js, React, Tailwind CSS, Docker, Oracle Cloud

- Developed a secure, scalable backend API using **Django REST Framework** with a **MySQL** database.
- Implemented **JSON Web Token (JWT)** for secure authentication and **role-based authorization** (admin/user).
- Built a responsive, modern frontend using **Next.js**, **React**, and **Tailwind CSS**.
- Established a complete **CI/CD pipeline** using **Docker** for automated deployment to **Oracle Cloud**.

Education

2022 – 2025 **B.Sc. in Computer Science & Engineering**, *American International University-Bangladesh (AIUB)*, Dhaka, Bangladesh

Major in **Information Systems**

Elective Coursework: Advance Database Management System, Software Requirement Engineering, Machine Learning, Data Science, Data Mining

2018 – 2020 **Higher Secondary School Certificate**, *Ulipur M.S. High School & College*, Rangpur, Bangladesh

2016 – 2018 **Secondary School Certificate**, *Motijheel Model School and College*, Dhaka, Bangladesh

Technical Skills

Languages	Python, JavaScript, TypeScript, SQL, C++, Java, C#
Backend	Node.js, Express.js, Django REST Framework, FastAPI, REST API
Frontend	React, Next.js, Angular, Tailwind CSS
Databases	PostgreSQL, MySQL, MongoDB, Oracle SQL, SQLite3
Data & AI	Scikit-Learn, OpenCV, YOLO, LangChain
DevOps	Git, Docker, GitHub Actions (CI/CD), Nginx, Linux, Oracle Cloud
Tools	Postman

Certifications

Apr, 2024 **Crash Course on Python**, *Coursera (Google)*, Verify Online
Learned to write Python scripts, understand data structures, and use Python for automation tasks.

Aug, 2022 **IT Essentials**, *Cisco Networking Academy*, Verify Online
Validated foundational knowledge in computer hardware, software, operating systems, networking concepts, and troubleshooting.

Languages

English Fluent

Professional working proficiency.

Bengali Native

Full professional proficiency.