

S. Mahmud Nabil

Full-Stack Web Developer

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SUMMARY

Full-stack developer with 3+ years experience building AI-powered web applications, IoT-integrated systems, and scalable backend services. Experienced in optimizing performance, reducing system failures, and deploying production-grade systems using Docker and CI/CD.

SKILLS

Languages: TypeScript, Python, PHP

Front-end : React, Vue.js, Tailwind CSS, Bootstrap

Back-end : Express.js, Next.js, Django, CodeIgniter

Databases : PostgreSQL, MySQL

DevOps & Tools: Docker, Git, CI/CD (GitHub Actions), VPS, APISIX

EXPERIENCE

JR. SOFTWARE ENGINEER

AnnonLab

June 2024 - March 2026

• Developed AI-powered features and backend infrastructure across diverse products, spanning LLM integrations, cloud/local OCR pipelines, payment processing, and scalable task queue systems, while contributing to deployment and API gateway configuration.

JR. SOFTWARE ENGINEER

SasthoTech

March 2024 - May 2024 Rajshahi

• Developed and optimized front-end features, improving performance and user experience across applications.

JR. SOFTWARE ENGINEER

GizanTech

June 2023 - February 2024 Rajshahi

• Designed and developed web applications integrated with IoT devices and embedded systems.

• Managed VPS-based infrastructure and GitHub Actions-based automated CI/CD pipelines.

PROJECTS

AI-Based Education Platform

AnnonLab

- Reduced Docker image sizes 85–90% (1–2 GB → 100–200 MB) via multi-stage builds, compiled output and lightweight server.
- Eliminated AI pipeline failures by 60% with the Structured Outputs API and proper error handling.
- Refactored the frontend from a desktop-only layout to a fully mobile-responsive design and broke it down into reusable components.
- Improved load times through bundle optimization, caching, and lazy loading.

Hospital Management System

ShashtoTech

- Boosted UI performance (10×) by optimizing component rendering during input
- Built PWA support for offline usage with automatic sync when back online

EDUCATION

BSc in Materials Science & Engineering

RUET(Rajshahi University of Engineering & Technology) • Rajshahi, Bangladesh • Mar. 2022 - Aug. 2026

AWARDS & HONORS

CODESPARK-2022

RUET • 2022

• Secured 3rd-Position in Intra RUET Fresher's Programming Contest.