S. Mahmud **Nabil**

Full-Stack Web Developer

Saidpur, Nilphamary, Bangladesh

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Summary

Software engineer with experience developing AI-driven applications, IoT platforms, and full-stack web systems. Skilled in integrating cloud services, payment platforms, OCR pipelines, and LLM-based document analysis solutions, with hands-on experience deploying production systems using CI/CD and self-hosted infrastructure.

A dedicated Linux enthusiast who prefers terminal-centric workflows and enjoys building and maintaining self-hosted systems. Actively contributes to open-source projects and continuously explores new tools and technologies to improve developer productivity and system reliability.

Work Experience

AnnonLab

Jr. Software Engineer — *01 June 2024 – 31 March 2026*

- Integrated AI services to develop an AI content generation platform.
- Developed WebView wrappers for web projects with native platform adjustments.
- Integrated payment systems including Stripe and Apple In-App Purchases.
- Integrated cloud and local OCR engines with LLMs to develop targeted PDF analysis solutions.
- Worked with Bull and Celery worker queues for task processing and load distribution.
- Configured the APISIX API gateway for deploying services and proxying Firebase APIs.

GizanTech

Jr. Software Engineer — *23 June 2023 – 23 February 2024*

- Designed and developed full-stack web applications integrated with IoT devices to monitor real-time sensor values and manage user devices.
- Collaborated with the embedded systems team to develop web-based UIs for embedded solutions.
- Implemented VPS-based infrastructure and GitHub Actions–based automated CI/CD pipelines for reliable application deployment.
- Managed self-hosted services including an MQTT broker, password manager, and administrative panels.
- Developed a web-based employee management system for internal use.

Education

RUET(Rajshahi University of Engineering & Technology)

Rajshahi, Bangladesh

BSc in Materials Science & Engineering — *Mar. 2022 - Aug. 2026(Expected)*

- Secured 3rd-Position in Intra RUET Fresher's Programming Contest CODESPARK-2022.

Certificates

2021 **Responsive Web Design**, sololearn — *CT-GIIRGEVK*

2020 **React + Redux**, sololearn — *CT-KQ2H9FSG*

Extracurricular Activity

RUET Materials Club

Rajshahi, Bangladesh

Vice President (Technical) — *July 2025 – Present*

- Developed the club landing page.

Tachyon

Bangladesh

IT Secretary — *12 April 2023 – Present*

- Maintained the organization's WordPress website.
- Developed a custom WordPress theme.