

Mashfiq Rayhan Ovi

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Summary

Full-stack Software Engineer with **5+ years** building production web and backend systems using **Node.js, React, Next.js**, and **React Native**. Built and owned a MikroTik hotspot management platform end-to-end, cutting ISP operational overhead by **50%** for **500+ daily users**. Also develop **AI-powered tooling** for audio intelligence and qualitative data analysis. Comfortable working async across time zones.

Experience

Software Engineer, GeekyCloud

Sept 2022 - Present

- Built **Navigator**, a hotspot user management platform for **MikroTik routers** serving **500+ daily users**.
- Architected scalable, maintainable components that reduced ISP operational overhead by over **50%**.
- **Next.js** responsive portal - phone-based authentication, dynamic theming, and onboarding UI making it at least **30%** faster.
- **Mikronode** an **Express.js** API backend automating real-time user and router communication via the **RouterOS API**.

Full Stack Engineer, ApexDV (Remote)

Apr 2022 - Sep 2022

- Collaborated building websites using **React** and **Next.js** enhancing mobile UX and reducing load times by **25%**.
- Developed reusable React components and modular CSS for rapid feature rollout and scalability.
- Built pixel-perfect, SEO-optimized portfolio pages showcasing projects using **Next.js** SSR/SSG.

Software Engineer, GeekyCloud

Jan 2021 - Mar 2022

- Built **CinePlex.live**, a movie portal using the TMDb API with secure admin dashboards.
- Developed RESTful APIs and responsive UIs using **React, Next.js**, and **MongoDB**.

Intern Engineer, GeekyCloud

Oct 2020 - Jan 2021

- Developed core backend and frontend modules for **CinePlex.live** MVP.

Projects

- **TrackPulse**: AI-Powered **Audio Intelligence** for audio classification and moderation [Live](#)
- **InfoSysCS**: AI-Powered **Qualitative Data Analysis Assistant** for research workflows. [Live](#)
- **Flex Engineers**: A **Software Studio's Mission Control**, rendered with **HUD/3D visuals**. [Live](#)
- **MediaKing**: Media management and **streaming-oriented** web platform for MediaKing. [Live](#)
- **ApexDV**: Modern web application built with **Next.js** for ApexDV company. [Live](#)
- **Others**: Please Visit [GitHub](#) or [Website](#)

Skills

- Data Structures and Algorithms
- Languages: **JavaScript, TypeScript**
- Frontend: **React, Next.js**
- App: **React Native, Expo**
- Backend: **Node.js, Express.js**
- Database: **PostgreSQL, MySQL, MongoDB**
- ORM: **Prisma, Sequelize, Mongoose**
- Tools: **Git, Docker**, GitHub
- AI Tools: **Claude**, Copilot, Codex
- Other: Python, Tailwind, React Router, React Query

Other Achievements

- 1st Runner-Up, National Math Olympiad, Khulna (2006)
- 2-Time National Champion, Inter-school Basketball (2010)
- 2-Time National Champion, Inter-school Handball (2010)

Education

BSc in Computer Science and Engineering

North South University, Dhaka

HSC: Govt. M. M. City College, Khulna

SSC: Khulna Zilla School

2014

2012