



S. M. FARUK HASAN

FULL STACK DEVELOPER | FOUNDER AT HE SOFTWARE SOLUTION | AI PROMPT ENGINEER

ABOUT ME

As a passionate Flutter Developer and tech entrepreneur, I build scalable mobile apps and full-stack solutions using Flutter, Dart, Node.js, Express, MySQL, Firebase and emerging AI-assisted tools. Over the past year, I've delivered innovative software products—from business management suites to educational platforms—by staying curious, solving real problems, and embracing simplicity in design. My focus is always on creating robust, maintainable code and leading teams toward impactful outcomes.

EXPERIENCE

HE Software Solution

October 2024 – Present

Founder / Lead Developer

- Established and manage a small software firm specializing in mobile, desktop and web solutions for local businesses.
- Lead a team of developers, setting architectural standards and coaching on best practices.
- Architected and deployed Flutter apps integrated with Node.js/Express back-ends, MySQL databases, and Firebase for authentication and real-time features.
- Drove AI-assisted development to accelerate prototyping, streamline testing, and enhance user experiences.
- Worked directly with clients to understand requirements and translate them into intuitive, reliable products.

Freelance IT

February 2024 – August 2024

Jr. Software Developer

- Delivered software presentations to clients, highlighting custom apps built with Flutter.
- Documented software issues and suggested improvements to senior developers.
- Provided online and offline support to clients, ensuring smooth software usage.
- Contributed to software enhancements, boosting functionality and client satisfaction.

PROJECTS

School Management App (Android & Windows)

- Created an all-in-one solution for educational institutions, handling student information, attendance, grades, and communication.
- Tech Stack: Flutter, Node.js, MySQL

Auto House Management System (Mobile)

- Designed and built an application to streamline operations for auto repair shops, including booking, service tracking, and customer management.
- Tech Stack: Flutter, Firebase

Dairy Farm Management System (Mobile)

- Developed an app to track livestock, manage feed, and monitor production for dairy farms.
- Tech Stack: Flutter, Firebase

Hostel Management System (Mobile & Web)

- Implemented a system for hostel administration, covering room allocation, rent collection, and resident details management.
- Tech Stack: Flutter, Node.js, Express.js, MySQL

Business Management Software (Mobile & Web)

- Developed a comprehensive platform for small to medium businesses, featuring inventory, sales, employee, and accounting management.
- Tech Stack: Flutter, Node.js, Express.js, MySQL

EDUCATION

BSc in Software Engineering (July - 2023)

Daffodil International University
Bangladesh

SKILLS

- Prompt Engineer
- Flutter, Dart
- Node.js
- Express.js
- React,
- JavaScript
- Firebase,
- MySQL
- HTML, CSS,
- Tailwind CSS
- RESTful APIs

LANGUAGES

- English (Fluent)
- Bengali (Native)