

Sheikh Siam Najat

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TECHNICAL SKILLS

Languages: C, C++, Python, Java, Dart, TypeScript

Frameworks: Flutter, Firebase, Next.js, React

Developer Tools: Git, GitHub, VS Code, VS Code Extension API, Android Studio, Jupyter Notebook, Google Colab

Cloud & Deployment: Azure Virtual Machines (VPS), Vercel

Concepts: REST APIs, Mobile Development, Developer Tooling

PROJECTS

Developer Portfolio Website

sheikhsiamnajat.me

- Designed and developed a responsive portfolio using Next.js App Router, TypeScript, and TailwindCSS
- Integrated a live GitHub activity feed, filterable project showcase, and Markdown-based blog system
- Deployed on Vercel with SEO-optimized routing and zero-downtime CI/CD pipeline
- Tech: Next.js, React, TypeScript, TailwindCSS, Vercel

CodeSensei — AI-Powered VS Code Extension

Visual Studio Marketplace

- Developed an AI-powered VS Code extension that analyzes, explains, and improves code inside the editor
- Designed a tab-based webview UI with a gamified XP and developer leveling system to increase engagement
- Implemented AI API integration using TypeScript and the VS Code Extension API
- Tech: TypeScript, VS Code Extension API, AI APIs

FAAAHHH Fail Sound — VS Code Extension

Visual Studio Marketplace

- Developed a VS Code extension that delivers instant audible feedback on code execution failure
- Implemented event listeners and command registration using the VS Code Extension API
- Published on the Visual Studio Marketplace with 1,400+ installs by developers worldwide
- Tech: TypeScript, VS Code Extension API

Student Attendance Management System (SAMS)

github.com/najat-ttt/SAMS

- Developed a cross-platform Flutter mobile app for real-time classroom attendance management
- Integrated Firebase Authentication and Firestore for secure, cloud-synced data storage
- Automated report generation in PDF and Excel formats, eliminating manual tracking overhead
- Tech: Flutter, Dart, Firebase (Auth + Firestore)

EXPERIENCE

Class Representative

September 2023 – November 2024

Department of CSE, Rajshahi University of Engineering and Technology (RUET)

- Coordinated academic communication between Section C students and department faculty
- Streamlined administrative processes for exam schedules, notices, and departmental coordination

EDUCATION

Bachelor of Science in Computer Science and Engineering

Rajshahi University of Engineering and Technology (RUET)

Expected Graduation: 2027 | CGPA: **3.70** / **4.00**