

Mahmudul Hasan Khan

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🐙 [GitHub](#) | [in LinkedIn](#) | [🌐 Portfolio](#)

SKILLS

Languages: Java, Kotlin, C/C++, Dart, Python, Shell Script, TypeScript, JavaScript, HTML5, CSS3

Frameworks & Libraries: Jetpack Compose, Retrofit, Hilt, Room, Next.js, Node.js, React, Tailwind, Framer Motion

Architecture & Patterns: MVVM (Model-View-ViewModel)

Databases: MongoDB, Firebase, MySQL, Appwrite

EXPERIENCE

PixelXpert

Remote Collaboration

Frontend Developer

April 2023 - Present

- Implemented a frontend UI following Google's Material Design 3 guidelines.
- Collaborated with a team of 5+ developers and designers to launch 2 major features.

ThunderDex

Remote Collaboration

Full Stack Developer

October 2023 - Present

- Developed a War Thunder encyclopedia app with 5K+ downloads and 200+ 5-star ratings.
- Used Jsoup for web scraping to fetch and manipulate data.
- Partnered with an American developer, speeding up delivery by 15%.

Project Infinity X

Remote Collaboration

Frontend Developer

November 2023 - Present

- Designed and implemented a customizable quick settings panel for Infinity X, an AOSP-based custom ROM.
- Optimized UI components, improving performance by 25% for 5,000+ active users.

PROJECTS

- **Icnify:** Android customization app with 350K+ downloads and a large active community on Telegram, developed using Kotlin, Java, Runtime Resource Overlay and Shell scripts.
- **ColorBlendr:** Material color customizer for Android 12+ devices, with 100K+ downloads, published on F-Droid, built with Kotlin, Java and Android Interface Definition Language (AIDL).
- **SheGuard:** The ultimate companion for women's safety, enabling quick alerts to loved ones and easy connection with emergency services, built with Java and Firebase services.
- **UniRide:** Transportation management app offering students and drivers real-time live tracking of university buses, built with Kotlin, Jetpack Compose, Firebase and Maps API.
- **ResumeAI:** An AI-powered tool for effortlessly creating, updating, and customizing resumes, built with Next.js, React, Tailwind CSS, Clerk, MongoDB and Gemini API.
- **NexuTalk:** Realtime chatting platform, built with Next.js, React, Tailwind CSS, Prisma, MongoDB, NextAuth and Pusher.
- **SortAlgoVisualizer:** A visualization of sorting algorithms, built with React and Tailwind CSS.

EDUCATION

B.Sc. in Computer Science & Engineering

CGPA: 3.83/4.0

Daffodil International University

2020 - 2024

Higher Secondary Certificate (Science)

GPA: 5.0/5.0

Dhaka City College

2017 - 2019

ACHIEVEMENTS

- Featured in multiple prominent YouTube channels and tech reviews. [\[1\]](#) [\[2\]](#)
- Former top problem solver at DIU's Computer Programming Club. (1,000+ problems solved) [\[Link\]](#)
- Secured a top-10 finish out of 181 teams in DIU's Crack Dataset 2024 contest.