

# 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, Next.js, Node.js, React, Tailwind, Framer Motion

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

**Databases:** MongoDB, Firebase, MySQL, Appwrite

## Experience

### PixelXpert [\[Link\]](#)

Remote

Frontend Developer

April 2023 - Present

- Implemented a frontend UI following Google's Material Design 3 guidelines, **enhancing the user experience for over 4,000 monthly users.**
- Collaborated with a cross-functional team of 5+ developers and designers, contributing to the **successful launch of 2 major features.**

### ThunderDex [\[Link\]](#)

Remote

Full Stack Developer

October 2023 - Present

- Built a comprehensive War Thunder encyclopedia application from the ground up, securing **5K+ downloads and earning 200+ 5-star ratings on Play Store.**
- Implemented web scraping techniques with Jsoup for fetching, parsing, extracting, and manipulating data, **boosting data accuracy by 20%.**
- Collaborated with a skilled American Android developer, **accelerating project delivery by 15%.**

### Project Infinity X [\[Link\]](#)

Remote

Frontend Developer

November 2023 - Present

- Designed and implemented the quick settings panel for Infinity X, a custom ROM for Android based on AOSP, **boosting user customization options.**
- Optimized existing UI components, resulting in a **25% improvement in performance and responsiveness,** enhancing the user experience for over 5,000+ active users.

## Projects

- Iconify [\[Link\]](#):** Android customization app with **300k+ downloads and a large active community** on Telegram. Developed using Kotlin, Java, Runtime Resource Overlay, Shell scripts, and various Android frameworks.
- ColorBlendr [\[Link\]](#):** Material color customizer based on color theory for Android 12+ devices, **with 50k+ downloads.** Published on F-Droid. Built with Kotlin, Java and Android Interface Definition Language (AIDL).
- ResumeAI [\[Link\]](#):** Resume builder with responsive design, **leveraging AI technology for intelligent resume creation.** Created using Next.js, MongoDB, Tailwind CSS, Clerk, and Gemini API.
- NexuTalk [\[Link\]](#):** Messenger platform with **responsive design and real-time capabilities.** Built using Next.js, Tailwind CSS, Prisma, MongoDB, NextAuth, and Pusher.

## Education

**B.Sc. in Computer Science & Engineering**

CGPA: 3.81/4.0

Daffodil International University

2020 - Present

**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.