Mahmudul Hasan Khan

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 GitHub | in LinkedIn | 🌐 Portfolio

Skills

Languages: C/C++, Java, Kotlin, Dart, Python, Shell Script
Web Development: HTML5, CSS3, JavaScript, TypeScript
Frameworks & Libraries: Node.js, Next.js, React, Tailwind, Framer Motion
Databases: MySQL, MongoDB, Firebase, Appwrite

Experience

Frontend Developer   April 2023 - Present
PixelXpert [Link]   Remote

- 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**.

Full Stack Developer   October 2023 - Present
ThunderDex [Link]   Remote

- Built a comprehensive War Thunder encyclopedia application from the ground up, securing **1K+ 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%**.

Frontend Developer   November 2023 - January 2024
SuperiorExtended [Link]   Remote

- Designed and implemented the quick settings panel for SuperiorExtended, 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 **250k+ downloads and a large active community** on Telegram. Developed using Kotlin, Java, Runtime Resource Overlay, Shell scripts, and various Android frameworks.
- **ColorBlendr** [Link]: Material You color customizer application based on color theory for Android 12+ devices, **with 40k+ downloads**. **Published on F-Droid**. Built with 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 14, MongoDB, Tailwind CSS, Clerk, and Gemini API.
- **NexuTalk** [Link]: Messenger platform with **responsive design and real-time capabilities**. Built using Next.js 14, React, Tailwind CSS, Prisma, MongoDB, NextAuth, and Pusher.

Education

B.Sc. in Computer Science & Engineering   CGPA: 3.81/4.0
Daffodil International University   2019 - 2024
Higher Secondary Certificate (Science)   GPA: 5.0/5.0
Dhaka City College   2017 - 2018

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.