Rayhan Ahmed

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Summary

Dedicated and skilled software developer with hands-on experience in Python, Kotlin, Django, and mobile app development. Specialized in building innovative, user-focused applications using modern frameworks and tools. Strong background in full-stack development, REST APIs, and integration of technologies such as AI and IoT. Passionate about solving real-world problems through efficient and secure code. Proficient in leading and contributing to impactful projects across web and mobile platforms.

Education

Bachelor of Science in Computer Science and Engineering (BSCSE)
United International University, Dhaka, Bangladesh
Expected Graduation: 2027
Interests: Competitive Programming, Cyber Security

Higher Secondary Certificate (HSC)
Shahid Mamun Mahmud Police Lines School and College, Rajshahi
Completed: 2021
Achievements: Achievement Award, District Cricket Champion (PKCSBD Talent Hunt)

Secondary School Certificate (SSC)
Satbaria High School, Rajshahi
Completed: 2019
Achievements: Academic Achievement Award, GPA 5.00 in JSC, Govt. Scholarship (Class 9 & 10)

Technical Skills

Programming Languages: Python (Flask, Django), Kotlin, JavaScript, Java, Css, Html
Web & App Development: Full-stack development, REST APIs, Firebase Integration
Technologies: AI integration, IoT device programming, Android (Kotlin), PWA
Tools & Frameworks: Git, VS Code, Android Studio, Buildozer, MySQL, Firebase
Other Skills: Responsive UI Design, Email Verification, SEO Optimization, Background Task Handling (Celery + Redis)

Professional Experience

Software & App Developer
Zenopets – Pet E-Commerce Platform | Dhaka, Bangladesh | 2025 – Present
- Developed and maintained a Django-based e-commerce site for pets with full user management.
- Implemented responsive UI, cart system, donation feature, and Firebase authentication.
- Integrated Open Graph, multilingual support, manifest.json, and Google Search Console.

Mobile App Developer
PlanaryX – Android Productivity App | Dhaka, Bangladesh | 2025
- Built an Android app in Kotlin for productivity and daily planning.
- Integrated Firebase Authentication and real-time database for user management.

Developer – Pregnancy Support App
AgamirMaa | Dhaka, Bangladesh | 2024
- Developed a safety and health companion app for pregnant women using Python.
- Included panic button, voice recognition, reminders, diet plans, and order features.

Web App Developer
Text-to-PPT & MP4 Generator | Dhaka, Bangladesh | 2024
- Designed a Python-based web tool to convert scripts into PowerPoint and MP4 videos.
- Automated text-to-slide conversion, slide styling, and video rendering with MoviePy.

Java Developer – Behavioral Clustering Simulation
Dhaka, Bangladesh | 2024
- Built a Java Swing application to simulate and visualize interest-based social clustering.
- Designed interactive UI for plotting cluster size against threshold data.

Notable Projects & Recognition

- Girl Protector App: Built a safety-focused mobile platform using AI and IoT concepts.
- Gift Lagbe App: Launched a meaningful gifting app available on Amazon App Store.
- Books Published:
  * Fundamental Concept of Time and Motion - Available on Amazon
  * Eternal Evening Light (অনন্ত সন্ধ্যার আলো) – Available on Rokuten Kobo
- Community Manager: UIU Developer Hub (Tech Events & Developer Coordination)

Languages

Bengali: Native
English: Fluent