Adib Ahsan Chowdhury

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SUMMARY

Full Stack Developer with over 5 years of experience in building innovative web and mobile applications. Proficient in React, React Native, Spring Boot, Kotlin, and Docker. A collaborative team player and mentor, dedicated to enhancing user experiences and optimizing performance while streamlining deployment processes. Committed to delivering impactful software solutions that exceed customer expectations.

EXPERIENCE

Associate Tech Lead

hSenid Mobile Solutions (Pvt) Ltd   **April 2024 – Present, Dhaka, Bangladesh · Hybrid**

· Revitalized the **AppiGo Rush** app by upgrading **React Native** versions, improving performance by 30% and ensuring smooth releases on **Android** and **iOS**.
· Enhanced **AppiGo Retailer** performance by loading time optimization and **SEO** integration, increasing visibility and user engagement.
· Led the integration of a **ticketing platform gateway** using Spring Boot with Kotlin coroutines and a **UI modernization** project for **AppiGo Rush**, adding a 20% new customer base.
· Mentored 5 team members and collaborated with DevOps to implement **CI/CD pipelines** using **GitLab**, improving development efficiency by 40%.

Senior Software Engineer

hSenid Mobile Solutions (Pvt) Ltd   **November 2022 – April 2024, Dhaka, Bangladesh · Remote**

· Led a team of 5 engineers on **AppiGo Retailer,** implemented comprehensive solutions across frontend and backend systems, reducing system downtime by 25% over six months as a Fullstack Engineer.
· Developed and delivered **Restohub**, a **MERN stack** restaurant discovery platform, within 3 months, boosting restaurant visibility and digital presence.
· Integrated a **recurring payment** model for **AppiGo Pay**, improving user retention and streamlining transactions.
· Developed **AppiGo Auth**, an **OAuth2 identity provider**, integrable with platforms such as **Keycloak** and **Auth0**, streamlining user authentication across the system.
· Built and integrated an **SMS promo manager** using **Mobitel's services**, increasing engagement and driving sales by 15%.

Software Engineer

hSenid Mobile Solutions (Pvt) Ltd   **April 2021 – October 2022, Dhaka, Bangladesh · Remote**

· Developed the **AppiGo Delivery** system using **Spring Boot**, **MongoDB**, and **React Native**, enabling support for multiple orders with Kotlin coroutines and enhancing daily order handling by 50+.
· Created and deployed RESTful APIs with **Spring Webflux**, reducing API response times by 40% and improving backend scalability.
· Upgraded the UI to version 2.0.0 and Dockerized the production deployment, ensuring a seamless user experience and efficient release cycles.
· Published the app on the **Google Play Store**, resolving compatibility issues for Huawei devices, and increased daily active users by 30%, while mentoring 4 developers and training 3 interns to enhance team productivity by 20%.

Associate Software Engineer

hSenid Mobile Solutions (Pvt) Ltd   **August 2020 – March 2021, Dhaka, Bangladesh · Remote**

· **Initiated** the back-end **AppiGo Delivery** system using **Spring Boot** and **Kotlin**, establishing a robust backend architecture that handled live data of 30+ delivery personals.
· **Developed and deployed** a background location tracking Android app using Java, improving operational efficiency for delivery personnel by 30% and reducing average route time by 15%.
· **Successfully published** the Minimum Viable Product (MVP) within **4 months**, accelerating time-to-market by 25%.
· **Created an admin portal** for rider management using **React**, streamlining operations for the 30+ delivery personals.

Junior Software Engineer

hSenid Mobile Solutions (Pvt) Ltd   **April 2019 – July 2020, Dhaka, Dhaka, Bangladesh · Hybrid**

· Developed multiple casual mobile games using Unity, achieving over 2,000 installs within the first month.
· Utilized Unity3D to seamlessly integrate game modules into Android platforms, contributing to additional title releases and a user-engagement boost of 105%.
· Created a 2D platformer game using Unity3D for raising mosquito-borne diseases awareness, completing the first MVP within 2 months.

Intern

Samsung R&D Institute Bangladesh   **November 2017 – December 2017, Dhaka, Bangladesh · On-site**
· Developed an activity detection application using native Android, accurately identifying mobile states (e.g., in-pocket, in-hand), resulting in a 75% detection success rate.
· Integrated facial recognition to provide real-time ethnic background information with a 70% accuracy rate.
· Implemented facial expression detection to recommend personalized songs, with an accuracy of around 70%.

SKILLS

Programming Languages: Kotlin, Java, Javascript, Typescript, Python, Go

Frameworks & Libraries: Spring Boot, Spring Webflux, Thymeleaf, React, Redux, React Native

Database: MySql, MongoDB, PostgreSQL

Build Tools: Maven, Gradle, Node.js, Bun.js

Operating System : Ubuntu, MacOS, NixOS, Windows

EDUCATION

Bachelor of Science in Computer Science & Engineering
Islamic University of Technology · Gazipur, Dhaka · 2019 · CGPA 3.48/4.00

PROJECTS

appiGo Rush – Multi-platform Food Ordering Application
hSenid Mobile Solutions (Pvt) Ltd · March 2024 – Present
· Upgraded **React Native** frameworks, improving app performance by 30% and stabilizing the project after a 2-year hiatus.
· Published the app to **Android** and **iOS** stores, enhancing cross-platform functionality with **React Native.**
· Led the **UI modernization** of web & mobile versions, boosting engagement by 25% and improving overall navigation and design.
· Collaborated with the DevOps team to implement **CI/CD pipelines** via **GitLab**, reducing deployment time by 40% and improving release frequency.

appiGo Retailer – Ecommerce Website Builder
hSenid Mobile Solutions (Pvt) Ltd · appigo.co/stores/ · April 2022 – Present
· Led platform development using **Spring Boot, React**, and **Kotlin** for **AppiGo Retailer**, serving **150+ merchants** across Sri Lanka, the Philippines, Bangladesh, and Kenya with **99.9% uptime**.
· Introduced **major features** such as **a booking engine module, configurable messenger, and invoice printing service** using **Spring Boot, React, Kotlin, and a GoLang Desktop App**, resulting in a growth of 80% of the sells.
· Integrated **server-side rendering** and **analytic tools** into the platform enabling merchants to ensure data-driven decisions and increasing overall sales by 25%.

appiGo Pay – Payment Gateway
hSenid Mobile Solutions (Pvt) Ltd · April 2022 – Present
· Revitalized **a complex legacy project**, fixing **15 critical production bugs**, saving over **$2,000** in potential losses.
· Integrated **a recurring payment (subscription) flow** for the merchants, increased c.
· Improved security measures for HNB merchants, enhancing the platform's reliability to 99%.

appiGo delivery – Delivery Companion for appiGo Rush
hSenid Mobile Solutions (Pvt) Ltd · February 2020 – April 2022
· **Led the development of AppiGo Delivery's scalable delivery system** using **Spring Boot, Webflux, MongoDB, and Kotlin**, handling over **50 daily orders at peak**.
· **Migrated a legacy Android app to React Native**, improving **multi-platform support** and **resolving Huawei compatibility**, resulting in a **37% increase in supported devices**.
· Launched **v2.0 with optimized real-time tracking**, and **universal notifications**, resulting in a 30% increase in deliveries.

RestoHub
hSenid Mobile Solutions (Pvt) Ltd · restohub.lk/ · April 2023 - October 2023
· **Delivered Restohub** in **4 months** in **MERN** stack with a team of 2 **developers**, efficiently managing resources to meet deadlines.
· **Supervised a team**, ensuring smooth and **timely feature delivery**, resulting in a **30% time reduction** in development.
· **Utilized Docker** for deployment, ensuring a **reliable, scalable**, and consistent environment while onboarding **30+ restaurants**, increasing the visibility by **40%**.