

Sopan Ahmed

SR. SOFTWARE ENGINEER · ANDROID EXPERT

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“Love for all, Hatred for none.”

Summary

Software engineer with 7.5+ years of experience. Working as an Android developer since 2015, and enjoy collaborating with the different product areas: scrum, refinement, UI/UX. I have extensive work experience on Mobile Application Development, Development Planning, Wireframing, Agile Development, and Team Lead. Have a passion for code craftsmanship and design. Love to make great products specially which impact on people's everyday life.

I value the following aspects from a company and role:

- Make things simple for challenging projects.
- Great values, teammates and room to mentor my peers.
- Next-generation technologies and their impact on software as a service.
- Growth opportunities, career plan, feedback, and goals.
- Focus on the customer/end-users satisfaction, and quality assurance.
- Data-driven decision making, analysis of metrics, and monitoring product usage in production.

Areas of Expertise

- Mobile Technologies: Android - SDK, ADB, DDMS, SQLite, Notification Services including Push, Location Based Services, Content Provider, Various System Services, Broadcast Receiver and Services, RESTful Web Services, HTTP, JSON, IntentService, AsyncTask, Fragments, Maps
- Third Party Libraries: Socket.io, Volley, Retrofit, gson, okhttp, dagger, Glide, butterknife, exoplayer, Picasso.
- Cloud API: OAuth, Facebook, Twitter, Firebase Auth
- Programming: Java, Rx Java, Kotlin, XML(parsing DOM, SAX, Pull), HTML5, SQL, JSON, Multithreading, JavaScript
- Tools: Android Studio, JIRA, Git, Github
- Operating Systems: Windows, Linux
- Database: NoSQL, Firestore, Room, Realm, MySQL - Queries, PL/SQL Stored Procedures, Functions, Triggers

Work Experience

Mobile Apps Team, ACI Ltd.

Tejgaon, Dhaka, Bangladesh

SR. SOFTWARE ENGINEER (ANDROID)

Oct. 2017 - Present

- Worked as part of a team to completely organize and architect the two Educational Android App to implement a newer UI and improved performance.
- Project management using Jira, scrum and Agile methodologies & contributed to full life cycle development of applications.
- Establishes and/or co-ordinates programmers of work (delivered through development)
- Individually implemented multiple new features including 'Push Notifications', 'media player', 'quiz', 'Java game development and more.
- Solely responsible for integrating different libraries, implementing use of API end points, localization of strings and more.
- Implemented several API microservices in Node.js, socket.io and Java Animation based logical games.
- Learnt new OOP language called Kotlin on the fly and successfully migrated parts of the project to Kotlin.
- Worked on more than 50 projects & responsible for resolving bugs, production and QA issues.

Nobo IT

Mirpur, Dhaka, Bangladesh

SOFTWARE ENGINEER & PROJECT MANAGER (ANDROID+WEB), PART TIME

Jan. 2018 - Dec. 2021

- As the only android developer for the company, very quickly jumped on-board and took full responsibility of the development and operation of the app.
- Performed bug fixes on existing code and analyzed existing code to proactively detect and fix code. Performed an extensive code review to better understand the entire code.
- Developed 10+ different kinds of projects including Property Search, Educational & Ecommerce app
- Responsible for resolving bugs, production and QA issues.

TiCON System Ltd

Uttara, Dhaka, Bangladesh

SR. SOFTWARE ENGINEER (ANDROID)

Nov. 2016 - Sep. 2017

- Took bottom line responsibility for push notifications, using Javascripts to integrate with the Android app.
- Designed and developed background jobs to run at regular intervals to send alerts to users who have downloaded the app but not made any progress in 'n' number of days.
- Implemented the receiver and extracted JSON messages from Push notifications to direct it to the target activity.
- Developed Audio-Video streaming app named Willfon, Miruphone & others.
- Single-handed design and implementation of Admin module.

Invogue Software Limited

ANDROID ENGINEER

Gulshan, Dhaka, Bangladesh

Jul. 2016 - Nov. 2016

- Worked individually as well as part of a larger team on developing and maintaining multiple client applications.
- Worked on multiple emulators to thoroughly develop and test deployment and interoperability on multiple platforms.
- Developed more than 15 projects including Car buy-sell app named Peepep.

Multiplexer Lab

SOFTWARE ENGINEER (ANDROID, BACK END)

Agargaon, Dhaka, Bangladesh

Dec. 2015 - Jun. 2016

- Developed app doctor-patient consultant & social photo-sharing app
- Implemented overall Android application logic and wrote API server for community service, along with project lead engineer.

Emporium Technology Ltd.

JUNIOR SOFTWARE ENGINEER

Dhanmondi, Dhaka, Bangladesh

Jan. 2015 - Dec. 2015

- Developed a game like flappy bird using Java
- Developed app like company profile, all newspaper reader & more
- Assist in budget for internal hardware/software along with Sr. Developer, create/manage architecture diagrams/plans

Projects

Medhabir Supernova

EDUCATIONAL AND LEARNING APPLICATION

Client: ACI Ltd

Nov. 2019 - Ongoing

- Medhabir Supernova is the Educational and learning application that aims to help the secondary (Class 6-10) level students in Bangladesh to enhance and develop their knowledge.
- It offers 325 instructional animated videos, chapter-wise pdf, beautifully highlighted summary, and other learning contents. Several exercises, exams, model tests and quiz will increase proficiency in every subject.
- The app will be published soon.

Kids Brain Builder

EDUCATIONAL AND LEARNING APPLICATION

Client: ACI Ltd

Jun. 2021 - Ongoing

- Kids Brain Builder is the Educational and learning application that aims to help the kids to enhance and develop their basic knowledge.
- It offers 200 animated videos, 100 logical games, and other learning contents.
- The app will be published soon.

Waseka

PROPERTY SEARCH APPLICATION

Client: UK

Jan. 2020 - Dec. 2021

- Search residential, commercial properties for sale, letting agents in your area or by name across the UK
- Compare house prices with waseka's house prices
- Play store link: [Waseka](#)

Ahmadiyya Bangla Prokashona

ISLAMIC EDUCATIONAL APPLICATION

Client: MKA Bangladesh

Feb. 2022 - Aug. 2022

- Learn islamic education through quran and other pdf books & load web content through trusted web
- Play store link: [Ahmadiyya Bangla Prokashona](#)

Strengths

- **Stick to Delivering Results** Identify the problems that cause them distress, and recognize their own existing problem-solving skills. Relying on a mix of problem-solving and time-management skills.
- **Open to think, Creative Skills** Use creative thinking and resourcefulness to come up with the most optimal and original ideas. Always keep in mind the limitation of personal capabilities to implement the ideas.
- **Life-long Learner, love to learn new technologies** Never done learning and always seeking to improve myself. Curious about new possibilities and taking action to explore them.

Education

Shahjalal University of Science and Technology

(Affiliated College: Sylhet Engineering College)

B.SC. IN COMPUTER SCIENCE AND ENGINEERING

Sylhet, Bangladesh

Apr. 2010 - Dec. 2014

- GPA 3.70 out of 4.00
- Participate 2 university-level programming & hackathons as part of the official 3-person team in 2011 and 2014