

# 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. Enjoy collaborating with the different product areas: scrum, refinement, UI/UX. Have a passion for code craftsmanship and design. Love to make great products especially 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.
- Next-generation technologies and their impact on software as a service.
- Growth opportunities, career plan, feedback, and goals.
- Focus on the end-users satisfaction, and QA.
- 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 Services, Content Provider, System Services, Broadcast Receiver, Services, RESTful Web Services, HTTP, JSON, 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: MySQL, NoSQL, Firestore, Room, Realm, 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.
- Individually implemented multiple new features including 'Push Notifications', 'media player', 'quiz', 'Java game development, and more.
- Solely responsible for integrating different libraries, implementing API endpoints, localization of strings, and more.
- Implemented several API microservices in Node.js, socket.io, and Java Animation based logical games.
- 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 have 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

Gulshan, Dhaka, Bangladesh

ANDROID ENGINEER

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 and test deployment and interoperability on multiple platforms.
- Developed more than 15 projects including a Car buy-sell app named Peepep.

## Multiplexer Lab

Agargaon, Dhaka, Bangladesh

SOFTWARE ENGINEER (ANDROID, BACK END)

Dec. 2015 - Jun. 2016

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

## Emporium Technology Ltd.

Dhanmondi, Dhaka, Bangladesh

JUNIOR SOFTWARE ENGINEER

Jan. 2015 - Dec. 2015

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

## Projects

### Medhabir Supernova

Client: ACI Ltd

EDUCATIONAL AND LEARNING APPLICATION

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 summaries, and other learning contents. Several exercises, exams, model tests, and quiz will increase proficiency in every subject.
- The app will be published soon. App link: [Medhabir Supernova](#)

### Kids Brain Builder

Client: ACI Ltd

EDUCATIONAL AND LEARNING APPLICATION

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 content.
- The app will be published soon. App link: [Kids Brain Builder](#)

### Waseka

Client: UK

PROPERTY SEARCH APPLICATION

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

Client: MKA Bangladesh

ISLAMIC EDUCATIONAL APPLICATION

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](#)

≡ MY ALL OTHER PROJECTS LINK: <https://read.cv/sopan>

## 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)

Sylhet, Bangladesh

B.SC. IN COMPUTER SCIENCE AND ENGINEERING

Jan. 2010 - Dec. 2014

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