



# Md Nazmos Sakib

## Werkstudent Android Developer

✉ n.nazmos.sakib@gmail.com

📍 Erfurt, Germany

🌐 github.com/nazmos-sakib

🔗 leetcode.com/MdNazmosSakib

☎ +49 1783036005

🇬🇧 Bangladesh

🌐 linkedin.com/in/md-nazmos-sakib-2a5256259

🏠 hackerrank.com/nazmos\_sakib

## ABOUT

Experienced software developer with a strong open-source background. Skilled in Java(osmdroid, mapbox, Parse-SDK, JFS) and Kotlin. Committed to innovation and collaborative projects. Dedicated to crafting impactful solutions and eager to take on new challenges in the world of software development.

## PROFESSIONAL EXPERIENCE

2022 – 2023  
Chittagong,  
Bangladesh

### iFrostByte Inc.

#### Junior Android Developer

- Develop a personal finance management app (**Cash Manager**) designed to help users track their income, expenses, and savings. With a powerful visualisation tools, it simplifies financial management, allowing users to set budgets, analyse spending patterns, and achieve their financial goals.
- Tool Used:** Java, Android Studio, GitHub

May 2022 –  
October 2022  
Middletown, USA

### Encoded Ltd

#### Summer Internship

During my internship, I actively participated in the creation of "**WORT Spiel**," an educational app with a specific focus on helping users learn the German language through word pair matching.

## EDUCATION

October 2021 –  
present  
Schmalkalden,  
Germany

### M.Sc in Applied Computer Science

Hochschule Schmalkalden

January 2015 –  
January 2019

### B.Sc in Computer Science and Engineering

North Western University

## SKILLS

Android Development | Java | Kotlin | Android Studio | Gradle | Software Documentation | Python

Agile Application Development | Problem Solving | Version Control(Git) | Office 365

Operating System: Windows 7,8,10,11 Linux (Ubuntu), macOS. | Object-Oriented Programming (OOP) | Kotlin

## PROJECTS

December 2023 –  
January 2024

### AmbientIQ: Smart Home Controller with Pinecorn

#### Android App

AmbientIQ : A Sophisticated Smart Room Ecosystem for Ultimate Comfort and Efficiency. An IOT project that excellent hardware and software combination. Programming a RISC-V microprocessor with C programming to control electronics devices and also able to communicate with android app over wifi.

### TrinkBrunnen

#### Hochschule Schmalkalden

- Description:** Developed an open-source Android app that helps users find nearby drinking water fountains.
- Tools Used:** Java, Kotlin, Android Studio, GitHub
- Source:** GitHub Repository

- **Challenges:** Understanding **OSMDROID** documentations and how to implement their **SDK**. How **GPS** location system works. Understanding overlays and managing hundreds of **Overlays**. Implementing **PARSE** database server and SDK to fetch stored data from server. Integrating **OSMBonuspack** for showing shortest route to the destination. Implementing turn-by-turn navigation for **MapBox Map**.

### CoinPaprika

- **Description:** Aim of this app is to learn how to extract data from API and show them inside an app. Using Volley to make an **HTTP** request to get **JSON** data from API.
- **Tools Used:** Java, Android Studio, GitHub
- **Source:** GitHub Repository [↗](#)
- **Challenges:** Understanding **Volley** documentations and CoinPaprika **API** to use them inside the app



## COURSES

### Learn Python in 30 Days

*Udemy.com*

### The Complete Android Oreo Developer Course - Build 23 Apps!

*Udemy.com*



## CERTIFICATES

### Java [↗](#)

by Hackerrank.com

### Mobile Application Development (Android) [↗](#)

by ICT Division Bangladesh

### Agile Project Management

Academic Course (35 Hours) by Prof. Dr. Kurt Englmeier



## LANGUAGES

**English** (IELTS) • **German** • **Bengali**



## PUBLICATIONS

18th May 2021

**Smartphone-Based Heart Attack Prediction Using Artificial Neural Network** [↗](#)

*Springer*



## DECLARATION

hereby declare the above-listed particulars of information and evidence are true to the best of my knowledge.

---

**Md Nazmos Sakib**

01.10.2023