

Roky Das

Software Engineer

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CAREER OBJECTIVES

I am a self-taught programmer. My core skill is MERN stack, Android (Kotlin), and Flutter. I am a quick learner and a good debugger. I am always ready to learn and explore new technology.

PROGRAMMING & OTHER SKILLS

- ❖ **Expertise:** JavaScript (ES6), React.js, Android (Kotlin), MVVM, MVI Pattern, Jetpack Compose, Bootstrap, Node.js, Express.js, MySQL, Mongoose (MongoDB)
- ❖ **Familiar:** C++, Java, Flutter, Python
- ❖ **Design Skills:** Adobe Photoshop, Adobe Illustrator, Figma
- ❖ **Tools & Softwares:** Git, VS Code, Android Studio, Chrome dev tools, Heroku, Netlify, Firebase.

EXPERIENCE

- ❖ **Web Developer (Support Instructor),**
Programming Hero
JANUARY 2021 – DECEMBER 2021
 - Mentored and examined the web development course students.
 - I was a part of the course planning core team.
- ❖ **Mobile App Developer L2**
Programming Hero
JANUARY 2022 – CURRENT
 - Made a video player using exoplayer2 which is able to play DRM-protected video.
 - Made projects in the MVVM pattern.
 - Integrated **Vdocipher** into Android App. Vdocipher is a complete solution for DRM-protected video sharing and playing.
 - Worked on both Jetpack Compose and XML based activity.
- ❖ **Software Engineer Intern**
Open Refactory
JULY 2022 – SEPTEMBER 2022
 - Made a documentation website using GitBook.
 - Automated the documentation website using python so that users can publish multiple versions at a time.
 - Made a python application for generating tables from JSON.
 - Made frontend part of a website from the scratch using React.js.

PROJECTS

Medi Sheba | [APK](#) | [GITHUB](#)

- Registration, Login, Profile, Update profile.
- Book appointment, Chatting with doctor and nurse
- Admin panel to add and remove doctors, nurses, and admin.
- Rating doctor after appointment.
- Filter doctors according to category.

Front-end Technology: Android (Kotlin), Jetpack Compose.

Back-end Technology: Firebase authentication, Firestore, Firebase Cloud Messaging

Movie App | [APK & DEMO VIDEO](#) | [GITHUB](#)

- Filter by category: Top Rated, Popular, User's favorite.
- See details, Make favorite and unfavorite, Watch trailer on Youtube.

Technology: Android (Kotlin), Free movie API, SQLite, Retrofit

CSE CU Community | [WEBSITE](#) | [GITHUB](#)

- Core features are Blog, Research Paper file, and Workshop.
- Role management: Student, Admin, Alumni, Teacher.
- All APIs are verified by JWT token.

Front-end Technology: HTML5, CSS3, Bootstrap4, React.js.

Back-end Technology: Node JS, Express JS, MongoDB, Mongoose.

ACHIEVEMENTS

- 100+ solved problems in UVA. **Credential**
- 60+ solved problems in LeetCode. **Credential**
- 75+ solved problems and attended 35+ contests in Codeforces. **Credential**

EDUCATION

B.Sc. Eng. in Computer Science & Engineering,
University of Chittagong
JANUARY 2018 – JULY 2023
Result: Not published yet.

COURSES

- Complete web development course
Programming Hero
June 2020 – October 2020
Certificate