Amit Sarkar

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[Github](#) / [Linkedin](#) | [Website](#)

SKILLS

- *Programming Languages*: Java**,** Kotlin**,** PHP, JavaScript
- *Development***:** Android Development, REST API**,** HTML, CSS
- **Frameworks and Libraries*:* Android SDK, Retrofit, Dagger/Hilt, LiveData, ViewModel, Spring Boot
- *Database***:** MySQL, MongoDB
- **Front-End Development:** XML, Jetpack Compose, Material Design, Custom Views.
- **Back-End Development:** RESTful APIs, Node.js, Firebase, SQLite, Room Database.
- **Tools and Environments:** Android Studio, Git, Gradle.
- **Version Control:** Git, GitHub.

EXPERIENCE

GOWEB WEBS SOLUTION PVT LTD.   2022 - Present
Full-Stack Android Developer

- Implemented robust architecture patterns such as MVVM, MVC and Clean Architecture to ensure scalable and maintainable codebases, improving the overall efficiency of development processes.
- Designed and utilized Repository and Factory patterns to manage data sources and streamline the creation of objects, resulting in more organized and testable code.
- Integrated third-party libraries and APIs to extend app functionality, streamlining workflows and enhancing user experience.
- Conducted code reviews and provided mentorship to junior developers, fostering a collaborative and high-performing development team environment.
- Led collaborative efforts across departments to develop and roll out five major product features, significantly improving user retention and driving a notable increase in monthly active users within three months.
- Directed bug-fixing initiatives that substantially reduced reported issues, enhancing the overall stability of the application.

SHIVILA TECHNOLOGY PVT LTD.   2021 - 2022
Android Developer (December 2021 - May 2022)

- Assisted in the development of Android applications, contributing to various stages from concept to deployment.
- Implemented client-side functionalities and ensured smooth interaction with back-end services.
- Developed unit and integration tests to maintain high code quality and application stability.
- Participated in code reviews, providing constructive feedback that improved code quality and team efficiency.

EDUCATION

CAMELLIA INSTITUTE OF TECHNOLOGY & MANAGEMENT   2020 - 2023
Bachelor of Technology in Computer Science and Engineering

- Object Oriented Programming, Databases, Discrete Mathematics, Data Structures and Algorithms, Operating Systems, Computer Networks, Data Mining, Advance Data Structures and Algorithms, Information Retrieval, Image Processing
- Approved by Govt. of West Bengal and AICTE, under MAKAUT

APC ROY POLYTECHNIC, JADAVPUR, KOLKATA   2016 - 2019
Diploma in Computer Science and Technology

- First Class with Distinction
- West Bengal State Council of Technical Education

PROJECTS

STEGANOGRAPHY (*Final Year*)   2018 - 2019
APC Roy Polytechnic

- Developed a C application using Visual Studio to hide and extract text messages within images, implementing a text encryption method that utilizes a key for both encoding and decoding messages.
- Created a user-friendly interface for easy operation and ensured minimal impact on image quality while maintaining data security.

- Conducted thorough testing to verify functionality across different image formats, collaborating with a team of four for seamless integration of project components.
- Project received positive feedback for its practical application in secure communications.

OTHER
- Languages: Bangla (Native), Hindi (Fluent), English (intermediate)