

Avinash Kumar

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EDUCATION

NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY

B.TECH, ICE

Grad: May 2024 | New Delhi

CGPA: 6.92 / 10.0

LINKS

Linktree:// [AK](#)

LinkedIn:// [Avinash Kumar](#)

Leetcode:// [Avinash_Kumar](#)

Github:// [AvinashKumar077](#)

CodeForces:[avinashkumar0779](#)

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms

Operating Systems

Database Management System

OOPS

Computer Networks

SKILLS

PROGRAMMING

Languages:

• C++ • Python • Kotlin • C

• MySQL

Databases:

• DBMS • Google Firebase

• Room

Developer Tools:

• Android Studio • Git-Hub • IntelliJ Idea

• Vs Code REST APIs.

Architecture and Libraries:

• MVVM • Retrofit • Coroutines • Flows

• Dagger-hilt • Jetpack Compose

EXPERIENCE

SPARK | ANDROID DEVELOPER INTERN | ([Certificate-Link](#))

June 2023 - July 2023 | Remote, SG

- Created a banking application utilizing the MVVM architecture and Coroutines for efficient and responsive data handling.
- implemented a user-friendly interface to display transaction history and real-time balance updates.
- Written Software logic for resolving bottlenecks, and rectifying bugs.

IVY WALLET | OPEN SOURCE CONTRIBUTOR | ([GitHub](#))

- Ivy Wallet is an open-source money manager app for Android that you can download from Google Play.
- Change Old Time and Date Picker to New material Design Date and Time Picker

ACHIEVEMENTS

- Knight at LeetCode, Attained a maximum rating of **1864** on LC ([Link](#))
- Specialist at CodeForces, Achieved a maximum rating of **1407** on CF ([Link](#))
- Successfully solved **1000+** DSA problems on various coding platforms and more than **200** days streak and **12** Badges on LeetCode
- Achieved over **100** downloads and gained a significant user base on the Google Play Store.
- Morethan **1000** hours of experience in Android App Development.

PROJECT

FAMILY SECURITY APP | [Demo Video](#) | [GitHub](#) | [PlayStore](#)

Aug 2023 - Sep 2023

- I played a key role in creating the Family Security App. My duties involved app architecture, feature development, data security, and user experience improvement. I Worked With a collaborative team, working with designers, frontend/back-end devs
- Features: - User Registration and Authentication, Location Search, Menu Exploration Storage, Map Placement.

COMPAROGRAM | [Demo Video](#) | [GitHub](#) | [PlayStore](#)

Apr 2023 - Jun 2023

- I played a key role in creating the Comparogram App. My duties involved app architecture, feature development, data security, and user experience improvement. I Worked With a collaborative team, with designers, and frontend/backend dev.
- Creating Java modules can expedite testing processes, making them more efficient, Modular Structure, Dependency Control, Isolation, Scalability, and Optimized Performance by **5%**.

PROJECT MANAGER | [Demo Video](#) | [GitHub](#) | [PlayStore](#)

Aug 2022 - Nov 2022

- Managed a process re-engineering project to improve and consolidate end-to-end service processes; restructured communication flow among **10** departments and reduced paperwork by **75%**.
- Implemented a high-performance Java library, enabling seamless conversion of complex objects, resulting in a **40%** reduction in data processing time and improved system efficiency by **3%**.