Yash Verma

✉ yashverma10019.work@gmail.com ☐
📞 +918957557113

in yash10019coder ☐
○ yash10019coder ☐
🐦 yash10019coder ☐

EDUCATION

Indian Institute of Information Technology, Lucknow — Lucknow
Bachelor of Information Technology; CGPA: 8.32 — Apr. 2020 – Apr. 2024

- Relevant Courses Data Structures & Algorithms, Operating System, System Design, DBMS, Object Oriented Programming, Distributed Systems, Software Management, Design Patterns.

EXPERIENCE

0chain ☐ — Cupertino, CA (Remote)
Full Stack Engineer — Feb 2022 – Present

- **Tech Stacks**: **Kotlin, Java, Golang, AndroidSDK, NDK, Github actions, Elastic Search, Gin, Grafana, Helm**.
- Developed two Android apps, **Bolt** and **Vult**, increasing the Android user base by **20%** for decentralized storage using **ZCN cryptocurrency**.
- Designed and implemented a **UAT test suite** for **enterprise blobbers**, reducing production bugs by **30%** and improving release quality.
- Led and mentored two junior developers, improving **code quality** by **40%** and ensuring **95%** on-time delivery through effective **scrum leadership**.
- Migrated and refactored gosdk to decrease app size by **50%**, also helped cross platform teams with the migration.
- Integrated **Elastic Search** for processing and **indexing transactions** from blockchain which decreased the fetch time by **10x**.
- Incorporated **release pipelines** for **android apps** reducing manual labour and increasing release time by **70%.**

Google Summer of Code Oppia Foundation link ☐ — Remote
Open Source Contributor - Gsoc Student — June 2021 – Sept 2022

- **Tech Stack**: **Kotlin, GitHub Actions, JUnit, UIAutomator, Gradle, Bazel, AndroidSDK**.
- Pioneered **CI/CD pipeline enhancements**, reducing **build and deployment time** by **40%**, leading to faster release cycles.
- Spearheaded **Gradle to Bazel transition**, increasing **build efficiency** by **60%**, accelerating development cycles.
- Expanded the application's reach by integrating **tablet support**, resulting in a **25%** increase in the potential user base.
- Orchestrated and refined over **90 automated tests**, increasing **codebase stability** by **30%** and reducing production bugs by **20%.**

Gnome Foundation ☐ — Remote
Open Source Contributor — Sept 2021 – Feb 2022

- Tech Stack **C, XML, GTK+**
- Added a new feature in the **pathbar of Nautilus file manager**, improving **user efficiency** by **20%** by enabling seamless opening of folders and files.
- Designed and implemented a new button using **XML**, enhancing **user interaction** by **15%** through improved interface functionality.

PROJECTS

- **Parking Lot Management System** ☐: Developed a RESTful API using **Node.js**, **Express.js**, and **MongoDB** to efficiently manage parking spaces. Integrated **Winston** for logging and conducted unit and integration testing with **Jest**.
- **Airline ticketing system:** ☐ Built using **Spring Boot** in **MVC architecture** where a user can book tickets, query fights and cancel tickets also **Dockerized** it.
- **Hello World** ☐: Android application showcasing 0Chain blockchain storage SDK, implemented in Kotlin.

ACHIEVEMENTS

- Rated **Specialist** on Codeforces ☐ with a **max-rating** of **1509**.
- Practised over **500+** DSA problems on Leetcode ☐
- Participated in Google Summer of Code Designing Release Pipelines.
- Member of **Oppia Foundation** for **2 years**.
- Completed **Cloud Engineering tracks** 30 Days of Google Cloud Program.

TECHNICAL SKILLS

- **Programming & Scripting**: Java, Go, Kotlin, Python, JavaScript, C, C++, SQL, Bash
- **Frameworks & Tools**: SpringBoot, Gin, AndroidSDK, Dagger/Hilt, RxJava, Retrofit, Okhttp, Express, Git, Gradle, Bazel
- **Testing & Databases**: JUnit, Mockito, Robolectric, Espresso, UIAutomator, MySQL, MongoDB, Realm, Postgres, Firebase
- **DevOps, Cloud & Security**: Linux, GCP, Docker, Kubernetes, Github Actions, CI/CD, Prometheus, Grafana, Loki, Helm