Vaibhav Agarwal

+91-XXXXXXXXXX *|* [xxxxxxxxx@gmail.com](mailto:vaibhav090918@gmail.com) *|* [LinkedIn](https://www.linkedin.com/in/) *|* [Github](https://github.com/) *|* [Leetcode](https://leetcode.com/XXXX/) *|* [Codeforces](https://codeforces.com/profile) *|* [GeeksForGeeks](https://auth.geeksforgeeks.org/user)

# Experience

**Software Developer** *|* **Digital Health Team** Jan 2024 – Present

## Samsung R&D Institute, Noida

* Resolved impressive over **800 bugs**, resulting among the highest Bug Resolution Rate within the team.
* **Contribution**: Executed the implementation of 20+ features and tasks for watch 6 and watch 7, consistently delivering updates to the Play Store. Led the development of flagship features from scratch in the Exercise, Daily Activity, Step trackers and introducing key features like Custom Workout, Race, Routine, thus improving **user engagement by 30 percent**.
* Reduced app start up time by **2s (3s to 1s),** resulting in around **15 percent increase in daily active users**

(DAU) and enhanced user experience.

* Integrated cloud-based services using **Samsung Cloud** for **push notifications**, **real-time data synchronization**, and **analytics** to enhance user engagement across platforms.

**Software Developer Intern** *|* **SE Linux Team** Jan 2023 – Dec 2023

## Samsung R&D Institute, Noida

* Developed internal automation tools with **Node.js** and **ReactJS**, reducing manual processing time by **40%** while achieving high accuracy in **permission analysis**.
* Optimized data storage using **MySQL** and use algorithms for rapid retrieval and analysis of SE Linux files.
* Enhanced **backend performance** through efficient data querying and streamlined user input processing using

**JavaScript**-based services.

# Technical Skills

**Programming Languages: Kotlin**, **JavaScript**, **C/C++**, **HTML/CSS**

**Mobile Development: Android SDK**, **MVVM**, **Room**, **LiveData**, **Coroutines**, **Retrofit Backend Development: Node.js**, **Express.js**, **REST APIs**, **MongoDB**, **MySQL Developer Tools: Android Studio**, **VS Code**, **Git**, **Postman**

**Concepts: Data Structures**, **Algorithms**, **OOPS**, **Multithreading**, **Clean Architecture**

# Education

**YMCA University of Science and Technology** Aug 2019 – July 2023

*B.Tech in Electronics & Computer Engineering,* ***8.7 CGPA***

**DAV Public School, Faridabad** April 2018 – April 2019

*CBSE Class XII,* ***93.2% Aggregate***

# Projects

[**Jobster Application**](https://jobster-api-pbnl.onrender.com/)*|* ***ReactJS, NodeJS, MongoDB***

* Developed a full-stack job application platform featuring dynamic **job tracking**, **user authentication**, and

**role-based authorization**.

* Utilized **React** for the front-end and **Node.js**, **Express.js**, and **MongoDB** for the backend, ensuring efficient

**RESTful API** communications.

[**E-Commerce API**](https://e-commerce-api-6ohs.onrender.com/)*|* ***JavaScript, Node.js, MongoDB***

* Developed a comprehensive API suite to support various modules including **product management**, **user authentication**, **review systems**, and **order processing**.
* Implemented secure **login functionality** and robust **authorization mechanisms** to protect sensitive user data.

# Achievements

* **Qualified** and participated in **ACM ICPC Regionals**
* Top **1%** on **LeetCode** with a maximum rating of **2178**
* Successfully cleared the **Samsung Professional** certification exam
* **5 Star** rating on **Codechef** with a maximum rating of **2045**
* Achieved **Expert** rating on **Codeforces** with a maximum rating of **1640**
* Secured **1st Rank** in **Codeathon 2022**, winning a cash prize of **30K**