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Summary

Highly motivated Software Developer with 2.6 years' expertise in **Java, Microservices, and Flutter**. Skilled in developing **user-friendly applications** and delivering **clean code**. Strong knowledge of various programming languages and frameworks. Solved over 400 questions on LeetCode, HackerRank and HackerEarth. Committed to continuous learning and leveraging technology for innovative solutions.

Work Experience

Tata Consultancy Services Limited

Senior Engineer (TCS BaNCS – BFSI)

Aug 2021 - Present

- Developed **3 Microservices** using Java Spring Boot as backend and **optimized SQL** queries and source code
- Improved API response time by up to **70%** using **Redis** and improved **robustness**, greatly enhancing application performance
- Collected business requirements, investigated bottlenecks and presented **API designs** for 3 major releases
- Implemented various **utility services** to prevent code failures arising due to null values and unchecked casts
- Incorporated **global exception handling**, dynamic **HTTP status code resolution** and **logging** for REST APIs
- Designed and developed **15-20** fresh **User Interfaces** for upcoming features using **Figma, HTML, CSS**, and **Bootstrap**
- Provided technical support, ideas and guided developers towards **cleaner code**
- Promoted **high quality reusable code** throughout the project through collaboration
- Spearheaded** a team of 4 junior developers to **migrate** a complex microservice
- Tools – Eclipse, Swagger, Git, VS Code, Figma, Spring Boot, PL/SQL

Tata Consultancy Services Limited

Software Developer - Intern

Jul – Oct 2020

- Devised and developed an app using Angular – Ionic for the **Resource Management Group (RMG)** for managing employee allocation
- Integrated **Cloud Messaging, Cloud Functions** and **Notification System** for RMG Allocations
- Tools – Git, VS Code, Figma, Angular, Ionic, Firebase

NewsGram, Chicago

Android & iOS App Development Intern

Apr – Jun 2020

- Designed, built and published a news app for the organization using **Dart/Flutter** for Android & iOS from scratch, individually
- Demonstrated user-centric **wireframes, UI and prototypes**, brainstormed with stakeholders and tailored the designs in an agile setup
- Formulated various features like **Authentication, Performance Monitoring, Cloud Messaging** and **Notification Handling**
- Assessed and boosted application performance under multiple scenarios using **caching** on Android and iOS
- Integrated multiple WordPress APIs using **Dart HTTP** library. Used **Riverpod** for managing application state
- Increased **daily active users** by **10 times**
- Tools – VS Code, Android Studio, XCode, GitHub, Figma, MS-PPT, Flutter

Academic Papers Published

Co-Author: Hrit M, Mousiki K, Atanu K. **Impact of Mole Fraction Variation on the Analog/RF Performance of Quaternary InAlGaN DG MOS-HEMTs**. Journal of Electronic Materials (JEMS) 2022, vol. 51, no. 5. Springer Science and Business Media LC.

Projects

Hospital Assistance

Sep 2020

- Designed and developed Mobile Application for finding nearest hospitals and booking ambulance
- Implemented real-time driver geolocation tracking using **Cloud Firestore**
- Integrated APIs for fetching a list of nearest hospitals along with the details of vacant beds
- Tools – VS Code, Android Studio, XCode, GitHub, Figma, Flutter, Firebase
- GitHub: [Hospital Assistance](#)

Skills

Languages / Frameworks / Databases	Core Java, J2EE, JUnit, Spring Boot, Microservices, Kafka, Eureka, Swagger, SQL, PL/SQL, REST, JSON, Redis, NoSQL, Casandra, MongoDB, XML, HTML, CSS, Bootstrap, Docker, Kubernetes, C, C++, Python, Dart, Flutter
Tools	Eclipse, Maven, VS Code, Android Studio, Git, Firebase, AWS
Practical Expertise	Problem-Solving, Data Structures and Algorithms, Customer Orientation, Object Oriented Design, Low Level Design Patterns, High Level Design, UI / UX

Achievements / Certifications

- Qualified IBM Master the Mainframe 2020 Level 3
- Completed 30 days of Google Cloud 2021
- Ranked 2718<sup>th</sup> in Google Kickstart 2021 Round D

Education

Qualification	Institute	Year	Score/CGPA
B. Tech (Electronics and Communication)	Heritage Institute of Technology, MAKAUT	2017 - 2021	8.68
Senior Secondary (STD. XII), CBSE	Hariyana Vidya Mandir	2017	90.8%
Secondary (STD. X), CBSE Awarded appreciation from MoE	Hariyana Vidya Mandir	2015	10.0