BHARAT SUMIT SINGH DEV BURMAN

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# Summary

Full Stack Developer with hands-on experience in mobile app development, RESTful APIs, and collaborative software practices. Proficient in Android and Flutter, with a strong foundation in Java and DevOps tools. Proven ability to optimize performance, contribute in agile teams, and deliver user-centric solutions. Looking to apply technical and problem-solving skills to build scalable applications in a growth-driven environment.

# Skills

Languages & Frameworks: AOSP, Java, C/C++, Android SDK, Flutter, FastAPI  
Tools & Platforms: Git, Docker, Firebase, AWS, Gerrit, adb, dmesg, fastboot  
Concepts: RESTful APIs, DevOps, UX Design, Agile Development, open-source collaboration

# Experience

## Software Developer Intern eternITy ProServ LLP, Pune — Jan 2024 – May 2024 (5 months)

* Developed core features in a Flutter-based mobile app, improving user task flow and interactivity.
* Identified and resolved performance bottlenecks using profiling tools, increasing app speed by ~20%.
* Contributed to version control and CI processes using GitHub, reducing deployment bugs by 15%.
* Participated in code reviews and daily standups, enhancing team collaboration and code maintainability.

## Junior Software Developer Prepel Media & Marketing, Bangalore — Dec 2022 – March 2023 (3 months)

* Designed and developed the company’s official website using modern web technologies, enhancing online presence and client engagement.
* Collaborated with the business development team to deliver a client-specific technical proposal, directly contributing to the closure of a deal.
* Participated in client meetings to understand requirements and align technical delivery with business goals.

# Projects

Android AOSP Porting and Maintenance

* Ported AOSP to Qualcomm, Exynos and MediaTek based devices by configuring device trees, kernel sources, and vendor blobs to achieve bootable builds with hardware support.
* Resolved HAL and kernel-level issues for hardware components including camera, audio, and Wi-Fi by debugging dmesg, logcat, and kernel logs.
* Created and maintained device configuration to support clean AOSP compilation and flashing.

Reminding – A productivity app  
Kotlin multiplatform with shared Compose UI

* Enabled users to create, assign, and track tasks by deadline, priority, and status
* Shared ~85% of code across Android, desktop, and web platforms, reducing development time by ~40%
* Used Ktor, SQLDelight, and Coroutines/Flow for networking, local storage, and reactive state handling
* Achieved 50% faster onboarding of new features across platforms due to unified codebase

Personal Finance Tracker app  
Android (Kotlin), Firebase, Material Design

* Built a local-first mobile app to track daily expenses with user authentication and real-time cloud storage.
* Implemented an analytics dashboard to visualize user spending patterns.

# Education

M.Sc. Computer Science – St. Joseph's University, Bangalore  
Completed: May 2024 | Relevant Coursework: Data Structures, Mobile Computing, ML

B.Sc. Computer Science – Fergusson College, Pune  
Completed: Aug 2021

# Publications

Towards Proxy-Attendance Detection using a Digital Attendance System and Machine Learning  
IEEE Pune Section International Conference (PuneCon), Dec 2019  
ieeexplore.ieee.org/abstract/document/9105738

# Languages

English and Hindi (Bilingual)