HRITVIK GUPTA

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EDUCATION

Master of Science Computer Engineering — Riverside, CA
University Of California, Riverside — Expected Dec 2023
Relevant Coursework: [DBMS, AI, Computer Architecture, GPU, Distributed Computing]

Bachelor of Technology Computer Engineering — Udaipur, India
Geetanjali Institute Of Technical Studies. — Graduated Sep 2022

SKILLS

Programming Languages	Java , Kotlin, Python, C++, objective-c, Swift.
Web Technologies	HTML, CSS, JavaScript, React JS, Bootstrap,Typescript.
Databases	MySQL, SQL, Room, MongoDB.
Software development	Agile, Scrum, Jira, Android development, JUnit, Firebase, AWS Lambda.
Version Control Tools	Git, Android Studio, IntelliJ, XCode, Visual Studio, Eclipse, Linux Kernel,

EXPERIENCE

Github Open Source Contributor — Jan 2023 - Present
ReactJS | Typescript | CSS3 — *Remote*

- **Shoe-ecom-store:** : Used React and TypeScript to debug payment portal. Added net banking option.
- **Draft:** Fixed bugs in inline style preselection and composition mode using JavaScript and CSS.
- **Draft:** Debugged incorrect return values in handling functions using JavaScript, and improved validation logic.
- Reviewed and tested pull requests from other contributors, providing feedback and suggestions for improvement

Android Developer Intern — May 2022 - Sep 2022
Tick Tech IT Solutions — *Remote*

- Worked in development of an Android app with using Kotlin and Jetpack Compose.
- Enhanced user engagement by 14% through UI improvements and effective backend ad integration.
- Conducted thorough profiling and code reviews, fixing 6 major bugs using JUnit and wrote re-usable testing codes to improving app stability.

Research Intern — March 2021 - Oct 2021
Indian Institute Of Technology Roorkee — *Roorkee, Uttrakhand*

- Spearheaded research on human cognitive abilities correlating frontal lobe activity with rest and active states.
- Achieved a 15% boost in model accuracy via feature segmentation and dataflow pipeline creation,
- contributing to a co-authored publication in an IEEE Journal through collaboration with PhD candidates.

PROJECTS

E-commerce Website (React.js, Stripe, CSS3): Developed a dynamic e-commerce platform integrating product listings, user authentication, shopping cart, Stripe payment gateway, and performance optimizations.(Try it here)

To-Do List App (Kotlin, HILT, Room, MVC, Google Play Store): Designed and developed a task management app, published on Google Play, facilitating task sharing, document attachments, and reminders. Integrated Google/Facebook login, push notifications, and used Room for local storage.

WhatsApp Clone (Kotlin, Jetpack Compose, HILT, MVVM): Built a robust Android replica of WhatsApp, accessible via link, with Firebase integration for chat retrieval, HILT for API provision across screens, and Jetpack Compose for superior UI and navigation.(Try it here)

EXTRA-CURRICULAR ACTIVITIES

- Actively reviewing and debugging code in various github repositories as an open-source contributor.
- Contributor to the software development community, through insightful blog posts on Android and web application development.