RAGHUL BASKAR

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Work Experience

***Samsung** Research and Development Institute| R&D Engineer*   *07/2022- present*

- Collaborate cross-functionally within development, testing, deployment, and systems/infrastructure teams, employing **Java, Android, Perforce, Jira, and Agile** methodologies to ensure seamless operation of build and test systems.
- Design and implement scalable APIs for impactful Samsung Knox Applications, such as **Secure Folder and Dual Messenger**, influencing over **1 billion** devices.
- Collaborate closely with partner teams, from identifying system requirements and partner dependencies to workload balancing, software implementation, engineering, testing, and metric configuration.
- Enhance system metrics by optimizing the logic layer in security features, resulting in improved performance.
- Contribute significantly to the Continuous Integration/Deployment Pipeline through integration, meticulous pull requests, and comprehensive code reviews.
- Develop advanced Artificial Intelligence Systems, utilizing cutting-edge Machine Learning and Deep Learning Algorithms to solve intricate problems.

***Samsung** Research and Development Institute**|** Internship*   *01/2022- 06/2022*

- Worked in **Natural Language Processing** for a content-based recommendation system in Samsung Email.
- Designed and developed **Android** applications for various internal requirements.

Skills

- Java | JavaScript | TypeScript | C++ | MSSQL |
- Node | Express | React | Redux | jQuery | NoSQL | Git
- AWS | Cloud Computing | CI/CD | Jira | Perforce |
- Microservices | Distributed Systems | Frontend | Backend | Full-Stack |
- Product Design | Figma | User Experience | Branding

Education

Bachelor of Technology| SASTRA University   *2018-2022*

- Major in Electrical and Electronics Engineering with a **7.63** CGPA.
- Led various development, design, and management roles across multiple organizations. **Google Developer Student Clubs, 300dpi** were one among them.

Achievements

JAPAN Sakura Student Exchange Program

- Led Indian Young Research Team across Top Universities in Japan and Conferences with Nobel Laureates
- Fully Sponsored by Japan Science Agency

Runner - Facebook Build Day DevC Hackathon

- Developed an Augmented Reality based application to enhance User Experience in E-Commerce platforms and Shopping malls.

Projects

1. Responsive Personal Portfolio raghulbaskar.github.io hosted on GitHub pages
2. Responsive Google Doc Text Editor google-docs-three.vercel.app hosted on Vercel
3. Responsive Frontend React App of Tesla Website tesla-website-app deployed on Vercel
4. Product Design and Responsive Website for Sweden-based recycled plastic startup weare1percent.com hosted in AWS.