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ABOUT ME

I am expert in development and implementation of mobile application with custom UI components. I am always open for challenges and dare to try. I am reliable and create solution you can trust. I am proud of creating elegant, efficient, reliable and scalable solutions. I care about my code quality, something I am really good at, I let my work speak for myself. I am an excellent individual contributor and team player.

EMPLOYMENT

Analyst, Android Engineer **DBS Asia Hub 2** **June 2019 - Present**

Working as a part of android platform core team, designing and developing next generation banking apps that let the customer do end to end banking.

- Practicing software architectural patterns for mobile platform – MFE (Micro frontend) with MVP and MVVM
- Working on sub-systems (UI, test, base app, analytics, encryption, networking, logging, exception handling, localization, mocking, push notification) framework for productive development and testing
- Lead developer at Digibank Taiwan, developing end to end Investment product applying TDD with 85% code coverage
- Evaluating business stories, to estimate development effort and product delivery timeline
- Worked on bug fixing, analytics, tracking customer journey and performance improvement of Digibank SG and POSB
- DBS Digibank SG (<https://play.google.com/store/apps/details?id=com.dbs.sg.dbsmbanking>)
- POSB Digibank (<https://play.google.com/store/apps/details?id=com.dbs.sg.posbmbanking>)
- Continuous reviews to maintain and improve the code quality
- Collaborating with back end developers, designers, testers, scrum master and product owners to constantly improve customer experience

System Engineer – Android **TCS Innovation Labs** **Jan 2017 - June 2019**

Worked as a part of ux engineering, mobile platform team, designing and developing in-house android apps.

- Drones platform, reimagined the operation of enterprise by leveraging drone technologies, cameras, sensors and advance analytics. developed android apps in java and react native for planning, operations and report for warehouse inventory reconciliation, trailer identification in yard and asset inspection business services
- Worked on pilot projects of drone platform services, across multiple business unit with 10+ international clients that generated a new revenue source for our incubation program
- Enterprise mobility platform, reimagined the employee experience of TCS employee by leveraging OCR, NLP, Chatbot and mobile technologies. developed apps for on demand services like apply claims, apply leaves, initiate travel request and automation of L1 customer support
- Implemented GDPR requirements on TCS safety first and fit for life android native applications

Innovator – Android, Web, Cloud **Digital Impact Square** **June 2016 - Jan 2017**

- Developed soil testing portable digital product for Indian farmers by using imaging, mobile, web, cloud, recommendation engine and soil science technology to build end to end product
- Researched on enabling informed decision about soil health to increase productivity, soil fertility and optimization of fertilizers used in farms

SKILLS

- **Interpersonal**
 - Positive can-do attitude
 - Always deliver, what I commit within deadline, beyond expectations
 - High efficiency, speed and productivity
 - Take constructive feedback from peers actively and use it to improve myself
 - Clear communication and realistic deadlines
- **Technical**
 - Scalable, Reusable, Modular and Clean Coding
 - Concurrent and parallel processing for speed and efficient utilization

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- Software architecture, development, management and optimization
 - **Android Platform** – Android SDK, Calendar, Camera, Content Provider, Shared Preference, Activity, Fragment, Location, Resource, Notification, Wi-Fi, Bluetooth, USB, Jetpack, Google Play, RxJava, RxAndroid, Retrofit, Dagger, Glide, Picasso, Gson, Timber, Flavors, Junit, Espresso, App debugging, build, optimization and distribution, Fabric, Google Maps.
 - **Languages and Framework** – Java, Kotlin, Python, React Native, Cordova
 - **Database** – MySQL, PostgreSQL, SQLite
 - **Cloud Provides** – AWS [EC2, S3, Lambda, Sage maker], Google Cloud, Firebase [Auth, Store, Database, Hosting, ML Kit, Crashlytics, Performance Monitoring, Cloud Messaging], Heruko Cloud
 - **Web-standards** – Rest APIs, JSON, XML
 - **IDEs** – IntelliJ IDEA, Android Studio, Visual Studio, Eclipse and NetBeans
 - **Tools** – Git [Bitbucket, GitHub, GitLab], SVN, JIRA, Sonar, Jenkins, Maven

CONTRIBUTION

- **Vendi** – Developed an end to end android app, AI assisted person to person marketplace to buy and sell verified products (<https://play.google.com/store/apps/details?id=com.elysian.vendi>)
- **Waycool** – Developed an end to end quality check list android app for quality assurance (<https://waycool.in/>)

EDUCATION

Allahabad, India **Institute of Engineering & Rural Technology** **July 2013 - May 2016**

- B.Tech. in Computer Science and Engineering. Score: 77% (Honours)
- Main coursework: Data Structures, Design and analysis of Algorithms, Artificial Intelligence, Database Systems, Operating Systems, Software Engineering

Mahoba, India **Government Polytechnic Mahoba** **July 2010 - May 2013**

- Diploma in Computer Science and Engineering. Score: 76% (Honours)

B.TECH. MAJOR PROJECT

- Developed online news app with gamified ranking feature of news reporters on web & mobile platforms by using HTML5, CSS3, Bootstrap, JS, PHP, MySQL for Web and Java, SQLite, Retrofit, Picasso for android application
- Developed a messaging web platform by using J2EE and MySQL

ACHIEVEMENTS AND RESPONSIBILITIES

- Got secure code titan award from DBS Asia Hub 2, DBS Bank
- Qualified the prestigious Hack2Hire hackathon and was among top 1% of about 10k coders
- Got PyTorch & Android Udacity scholarship from Facebook and Google, India
- Completed Google cloud platform fundamental: core infrastructure coursera certification
- Got social impact in food and agriculture award from Digital impact square, TCS foundation
- Completed software development fundamentals, Microsoft technology certification