Sarthak Majithia

Android Engineer

Extensive experience of 3 years as a software developer with a focus on native Android app development. Currently pursuing masters in CS with a thesis in data science at University of Texas at Arlington.

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MY BEST ANDROID APPS

Sleep With Wisdom: 25,000 Downloads (08/2015) ⤤
- Help people sleep better by listening to audio, browse yoga postures and tips to help them relax before sleep.

Happiness Survey: 7,500 Downloads (08/2016) ⤤
- User can submit a google form with a native front end UI. Offline mode is available. Developed for Art of Living NGO.

Art of Living Connect (11/2016 – 06/2017) ⤤
- Highly customized CRM for effective lead management with call/text, push notification reminders, event history.

Mind-Mind (for people with dementia) (02/2019)
- Chosen as finalist for IISE in Orlando, Florida in May, 2019

WORK EXPERIENCE

Android Developer
CoffeeBeans LLP
01/2016 – 06/2017

- Responsible for various new developments in Android app that combined social media experience and e-commerce
- Built an app for a client in Singapore that consisted of a restaurant menu & QR code based food ordering. Dart tournament updates and e-commerce for dart orders.
- Worked in an Agile environment with high efficiency in a startup culture and brainstorming new concepts.
- Worked for GO-JEK, an Indonesian hyperlocal transport, logistics, and payments startup. My role was with iOS team while they grew their fleet to 200,000 cabs at the time.

Software Engineer
Sumeru Solutions
10/2014 – 01/2016

- Built an Android app as a full stack developer for Vyakti Vikas Kendra India employees to keep track of donors.
- Built custom analytics dashboard using Google Analytics API for Art of Living website having a million views/month.
- Plot leads from ad campaigns on interactive Google map.
- Create landing pages for events happening in Australia, India, and Sweden.
- Wrote scripts that automated SMS/Email delivery from a PC based dialing software.
- Updated dsyindia.org code for a new payment gateway.

TECHNICAL SKILLS

Languages
Java, Swift, Python, PHP

Technologies
Android and iOS Development, AWS, ElasticSearch, REST, Firebase Cloud Messaging, JSON, Flask

Tools
Android Studio, Xcode, Git, Agile Methodology, JIRA

Database
MongoDB, MySQL, SQLite

Android Libraries
Ion, Glide, GSON, FacebookSDK, Firebase, AccountKit, CleverTap, GoogleMaps, RecyclerView, SMSReader, ImageCrop and more

EDUCATION

Master's Thesis (CS)
University of Texas at Arlington
05/2019   *3.375*

- Thesis: Fact-checking project, monitor millions of tweets on politics and detect factual claims
- Successfully built line follower, step climber, and path follower robots with LEGO Mindstorms EV3. Language: C/C++
- Improved accuracy of a classifier on 7000+ wine sample dataset to determine better quality. Language: Python
- Determined human motions in a room using only Wi-Fi Channel State Information. Language: Python
- Studied Data Mining, Machine Learning, Neural Networks, Data Modelling Techniques, Design of Algorithms

Bachelor of Engineering
Pune Institute of Computer Technology
05/2014   *University of Pune*

VOLUNTEER EXPERIENCE

President
SKY@UTA
01/2018 – Present
IAHV offers programs to reduce stress and develop leaders

- Organise yoga and meditation workshops
- Take sessions on breathing techniques & meditation

April 3, 2019