SAMSRUTI DASH

Portfolio: [Android App UX](#)

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EMPLOYMENT

Software Developer, Android	**P.A.R.I. Technologies, Malaysia**	**Apr 2017 - Present**

Talentstar (https://play.google.com/store/apps/details?id=my.com.pari.thetalentstar)

- Leading architecture design discussions and implementing backend API services for the application and increased performance efficiency by 40%.
- Developed version-1 Android App with Android Jetpack Libraries and Google Material Design guideline and suggested to write test modules and hence saving time by 3 weeks.
- Performing user experience research on prototypes and ran production experiments using A/B Firebase Testing and that leads to an increased app engagement time by 2X

EDUCATION

Bhubaneswar, India	**KIIT Deemed to be University**	**July 2015 – May 2019**

- Bachelor of Technology (Electronics and Electrical Engineering): GPA: 7.5/10

PROJECTS

- **Real-Time Voice Cloning TFLite Model** (December 2019 - Present). Developing an On-Device Machine Learning Model to implement voice cloning using Transfer Learning and CNN.
  (Tensorflow 2.0; Python; Android; Deep-Learning)

- **Dear Diary – Chatbot** (August 2017). Developed a Google Actions Application that can write and read a user's daily journal anytime, anywhere. The Action responds according to the user sentiments and emotions using ML Models *(Node.js; firebase-SDK; Dialogflow; google-cloud)*

- **Python USB Tracker** (August 2016). A third-party python script to track a USB device if it got stolen. The system captures the thief's image and then sends system details to the owner's email.
  (python; bashing; reverse engineering; security)

- **Automation Scripts** (2016). Scripts to automate the design process (E-Certificate Generator – By placing QR and student name on the certificate and export to a high-quality image), Server Configuration (Install libraries and tools on CentOS and Kali Linux). Networking tools like Packet Sniffer. File System (copies all files from one directory to another without notifying the user.) *(Python; Bashing)*

ADDITIONAL EXPERIENCE AND AWARDS

- Google Code-In 2014 Grand Prize International Winner
- Udacity Nanodegree Android Basics Scholarship
- Open Source Organisation: SahanaFOSS, FOSSASIA, Ubuntu

Languages and Technologies and Skills

- Java; Kotlin; SQL; JavaScript; Python
- Git, Android SDK, Google Cloud, Firebase, TensorFlow, UX Design, Automation Testing, OWASP Pentesting, Deep Learning
- Android Studio; Adobe XD; PyCharm, IntelliJ IDEA