Dhvanil H. Parikh

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#B218, MT-I, NITK Hostels, Mangalore

EDUCATION

- **JULY, 2016 - PRESENT**
  National Institute of Technology, Karnataka
  B. Tech in Information Technology
  Batch of 2020, CGPA – 8.24/10
- **JUNE, 2014 – MAY, 2016**
  Sri. Chaitanya Techno School
  Central Board of Secondary Education, SSSC - 94.6/100
- **MARCH, 2006 – MARCH, 2016**
  Air Force School ASTE
  Central Board of Secondary Education, SSC – 10/10

TECHNICAL

- **Languages/Markup/Script –** C, JAVA, Python, JavaScript, HTML, Bootstrap.
- **Frameworks –** Django, React-Native, NodeJs, Git.
- **Database –** MySQL, SQLite, CouchDB.
- **Tools –** Android Studio, PyCharm, IntelliJ, Visual Code, Atom, Git.
- **Relevant Courses -** Data Structures and Algorithms, Networking, Cryptography, Operating Systems, Java, UNIX, Database Systems.

EXPERIENCE

- **LightMetrics –** Live-streaming of video on Android platform, Linux API for transmitting data over to Couch and Amazon backend from Linux hardware.
- **Savemonk** - Worked with iOS app development using React-native for the e-commerce startup.

SELECTED PROJECTS

(All projects are available at **https://github.com/DhvanilP**)

- **NITKART -** This is an online marketplace to "buy and sell" commodities. This is made by using an android app for front-end and a Django back-end.
- **Hybrid-Cryptography** - A system capable of encryption and decryption of multimedia data using a hybrid model based on the amalgamation of AES and ECC.
- **EVOkE -** Image Attendance System is an online attendance system made as a part of code.fun.do by Microsoft. This app aims at marking the attendance status of a class by just clicking pictures thus conserving time and solving problems like proxy given by students.
- **Web-App-OCR -** A Web-App that reads an image and finds the text present in it. It uses Tesseract and Leptonica to process the image. Improvements can be made by altering the image quality**.**
- **Data-Structures-Project -** This project has implemented Git like structure using data structures. To achieve this we are using Persistent Binary Search Trees.

ACHIEVEMENTS

- Rank AIR: 3760 (Out of 1.2million) in JEE Main - 2016
- Rank 349 (Out of 160 thousand), secured - 161/180 in KCET - 2016
- Rank 81 (Out of 120 thousand) in COMEDK - 2016
- SSSC 94.6%, 98/100 in Math, SSC 10/10 CGPA