Ashwin **Pilgaonkar**

STUDENT · ANDROID DEVELOPER · MUSICIAN

Panaji, Goa (India)

 (+91) 9970168725 | ✉ ashwinpilgaonkar@gmail.com | 🏠 ashwinpilgaonkar.github.io | ashwinpilgaonkar | in
ashwin-pilgaonkar-69aa51b5

Education

NIIT University   *Neemrana, Rajasthan*
B.TECH. IN COMPUTER SCIENCE AND ENGINEERING   *July 2014 - Present*
- CGPA: 6.78 (as of Semester 6)

Skills

Programming Languages	Python, Java, C, C++, SQL/SQLite, Markdown, HTML5, CSS3, LaTeX
Frameworks/Libraries	Android SDK, Jekyll, Picasso, Butterknife, Volley, PyQt, PyAutoGUI, PySerial
Tools	GNU/Linux, Git and GitHub, Adobe Photoshop, Audacity, GarageBand
Others	Material Design, REST APIs, JSON, ANT, Make, Arduino, Agile
Languages	English, Konkani, Hindi, Marathi

Projects

Popular Movies   *Android Nanodegree Project*
A MOVIE BROWSER APPLICATION FOR ANDROID   *June 2016 - August 2016*
- Built an application to parse JSON data of movies using TMDb REST API and display them in a grid
- Implemented a details page for each movie that shows reviews, movie details and trailers
- Added SQLite implementation to enable adding movies to favorites list along with support for Tablets

XYZ Reader   *Android Nanodegree Project*
A MATERIAL DESIGN BASED MOCK RSS FEED READER   *August 2017 - September 2017*
- Completely redesigned an existing app according to Material Design guidelines along with optimization for larger screens

BusinessStats   *Software Engineering Project*
ANDROID APP TO TO VIEW STATS OF A MOCK TRAVEL AGENCY   *October 2016 - November 2016*
- Built an application that reads data from an SQLite db and displays it in the form of a table/graph

AudioControl   *Personal Project*
ANDROID APP TO REROUTE ANDROID'S AUDIO STREAMS   *May 2016 - June 2016*
- Made use of the AudioManager class to enable force routing of all audio to the earpiece

Flick   *R&D Project*
A GESTURE DETECTING, WEARABLE ELECTRONIC BAND   *January 2017 - April 2017*
- Built a Python application to process data sent by the band and record/save custom gestures
- Simulates Keyboard/Mouse inputs and incorporates a custom Virtual Assistant

Courses

Developing Android Apps   *Project: Popular Movies*
UDACITY AND GOOGLE   *March 2016 - June 2016*
- Learnt the concepts required to build a fully functional Android app that can handle HTTP Requests, Intents, etc.

Material Design for Android Developers   *Project: XYZ Reader*
UDACITY AND GOOGLE   *June 2017 - July 2017*
- Learnt how to effectively use imagery, fonts, colour and animations that adhere to Material Design guidelines

UX Design for Mobile Developers   *Project: None*
UDACITY AND GOOGLE   *June 2017 - July 2017*
- Learnt the basics of UX Design for a mobile application

Computational Photography   *Project: TBD*
UDACITY AND GEORGIATECH   *August 2017 - Present*
- Learning about the basics of Digital Image Processing, Computer Vision and how to implement them in OpenCV
- The course also covers concepts of Photography and Optics

Interests

Technical	Machine Learning, Computer Vision, Android app Development
Hobbies	PC Gaming, Table Tennis, Playing the Piano and Guitar