

Ashwin Pilgaonkar

· SOFTWARE DEVELOPER ·

Panaji, Goa (India)

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Education

NIIT University

B.TECH. IN COMPUTER SCIENCE AND ENGINEERING

Neemrana, Rajasthan

July 2014 - July 2018

Skills

Programming Languages	Python, Java, JavaScript, PostgreSQL, Markdown, LaTeX
Frameworks/Libraries	Android SDK, Node.js, Express.js, React, Redux, Pandas, Tornado, Jekyll
Tools	GNU/Linux, Git, AWS, DynamoDB, Redis, RabbitMQ, Docker
Others	Material Design, REST APIs, JSON, Agile
Languages	English, Konkani, Hindi, Marathi

Experience

Numadic

ANDROID DEVELOPER (INTERN)

Panaji, Goa

January 2018 - July 2018

- Worked on maintaining Numadic's suite of Android applications
- Worked extensively with Google Maps, Places and AWS S3 APIs for Android
- Built an Android library that handles Bluetooth interactions with ML2 devices
- Performed a complete rewrite of an Android application, incorporating a redesigned UI/UX
- Optimized, refactored and documented a large portion of it's codebase
- Added support for multiple workflows and device/sensor types
- Multiple feature additions such as functionality to test a tracker/sensor from within the application

Numadic

JUNIOR DEVELOPER

Panaji, Goa

August 2018 - Present

- Maintained the Android application previously worked on
- Built RESTful APIs using Node.js and Python
- Built frontend applications for internal and user-facing web interfaces using React + Redux
- Generated reports using Python and Pandas
- Optimized an inefficient report and reduced server memory utilization by 40%
- Setup Logrotate to free up disk space and Cron jobs to schedule routine tasks on the server
- Containerized an internal web application using Docker to prevent the server from hanging if either the frontend or backend crashes (both hosted on the same EC2 instance)

Projects

Popular Movies

A MOVIE BROWSER APPLICATION FOR ANDROID

Android Nanodegree Project

July 2016 - September 2017

- 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 a favorites list along with support for Tablets
- Published to Google Play Store as Popular Movies

XYZ Reader

A MATERIAL DESIGN BASED MOCK RSS FEED READER

Android Nanodegree Project

August 2017 - September 2017

- Completely redesigned an existing app according to Material Design guidelines along with optimization for larger screens

Flick

A GESTURE DETECTING, WEARABLE ELECTRONIC BAND

College Project

January 2017 - April 2017

- Built a Python application to process data sent by the band and record/save custom gestures
- Simulates Keyboard/Mouse inputs using fingers

ui2py

QTDESIGNER FILE CONVERTER

Personal Project

March 2017 - April 2017

- Built a GUI Python application that batch converts QtDesigner *.ui files to .py files

Other

Achievements Selected for the Google India Challenge Scholarship by Udacity

Hobbies I'm a pianist and amateur guitarist who likes to play at local gigs. I also run a (albeit, not-so-popular) YouTube channel