

# Anuraj Jaiswal

SOFTWARE ENGINEER

☎ (585) 532-8335 | ✉ anuraj.jaiswal21@gmail.com | ✉ aj3095@rit.edu | 🏠 anuraj.me/portfolio/ | 📱 anuraj3095 | in anurajj

## Education

### Rochester Institute of Technology

MASTER OF SCIENCE IN COMPUTER SCIENCE, GPA: 4.0/4.0

Rochester, NY

Expected: May 2022

## Experience

### Eclipse Mining Technologies

SOFTWARE DEVELOPER I

Tucson, AZ

August 2020 - July 2021

- Developed new features for application used as a platform to store, audit and validate data.
- Created new UI charts for analytics using the Dear ImGui framework.
- Used modern C++ for development of client server application consuming REST API's calls.
- Contributed to the front-end web application developed with React used to monitor permissions and view analytics.

### Rochester Institute of Technology

IOS DEVELOPER

Rochester, NY

June 2020 - August 2020

- Designing and developing iPhone application using Xcode, Swift, UIKit, Cocoa Touch, Realm Database.
- Used Core Bluetooth to communicate, exchange data with medical devices in real time.
- Implemented MVC design patterns for the models, views and controllers in the app.
- Worked extensively Cocoa frameworks like Charts, Alamofire. Used Git for version control.
- Translated UI/UX design from Figma into UI using iOS Storyboards.
- Used Auth0 to implement authentication feature into the application.

### Dassault Systemes

SOFTWARE ENGINEER

Pune

June 2016 - July 2019

- Developed native windows software application using C++ and Java.
- Delivered code on a bi-weekly sprint basis that is robust, functional and stable.
- Located and devised solutions for bugs and maintaining code quality.
- Multi Threaded legacy code to improve performance.
- Used Scrum for agile development and participate in team-lead solutions, reviewing peers code for quality and completeness.
- Integrated cloud storage solution using REST API's.

## Skills

**Languages** C++, Java, Swift, Python, JavaScript

**Database** My SQL, MongoDB, Realm, SQLite

**IDE/Tools** Microsoft Visual Studio, Xcode, Eclipse, PyCharm, Postman, Packer Tracer, Wireshark

**Front End** React, HTML5, CSS3, jQuery, Bootstrap

**SDLC** Git, Jira, Confluence, Team Foundation Version Control, Team Foundation Server

## Projects

### Airbnb Backend

- Flask application with MongoDB storing Airbnb hosting data and serving through REST API calls.
- Containerized the application with docker.

### Path Finder

- Used python to implement an A\* search algorithm to find an optimal path between two points in a given terrain image.
- Used Python Imaging Library(PIL) to read map image pixels to factor terrain type and elevation.

### IMDB Database Migration

- Used Java and JDBC to load the IMDB dataset into a MYSQL database and then migrated data to MongoDB from MySQL.