

Raj Patel

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EDUCATION

University of Texas at Arlington
Bachelor of Computer Science

Arlington, TX
Anticipated Graduation May 2024

SKILLS

Technical: Java, JavaScript, C, Python, HTML, CSS, React, React-Native

Languages: English

❖ WORK EXPERIENCE

Runatek, Front-End Development lead, Dallas, TX

Jun – Aug 2022

- ❖ Migrated a python program into JavaScript
- ❖ Learned the react native framework to create the front end of the program
- ❖ Implemented secure login and data extraction for the program

❖ PROJECTS

Investment App

Nov 2022

- ❖ Created an application which helps users learn, buy and sell stocks for a hackathon project.
- ❖ Learned the react framework to create the program.
- ❖ Our team implemented live graphs of different stocks.

Coffee Shop Android App

Feb – Apr 2022

- ❖ Used the software engineering process to analyze client requirements and create a product
- ❖ Used several UML diagrams to plan the different functions of the app
- ❖ Our team used android studio with java and XML to make the app

Discord Bot,

August 2021 – August 2022

- ❖ Learned and created a discord bot with code written in python originally and hosted on replit
- ❖ Transferred the code to the JavaScript API and used Heroku to host the bot
- ❖ Added a feature which uses firebase to store and extract data that someone can input into discord

Finance Breakeven

Nov 2020

- ❖ Created a calculation of the breakeven point and its time
- ❖ MATLAB was used to create the program and utilized its graphing features to display the data
- ❖ The calculations were made using the cost of materials, energy, and maintenance.

❖ INVOLVEMENT & VOLUNTEER

Workout Program

Jan – May 2018

- ❖ Our group created a workout program and gathered volunteers to participate in the program
- ❖ We guided the volunteers through the workout program and collected data
- ❖ At the end of the program, we gave them an presentations about the health benefits of workout out.