**Arjun Nair**

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I’m a software engineer with a strong background in the backend with a knowledge of networking. Having experience with networking and cyber security, I am adept at working both with hardware and software. Whenever I’m assigned a project, I love researching new concepts to implement to improve what was assigned. I want a role where I have the freedom to research outside the requirements to improve upon them.

**Skills**

**Frontend:** HTML | CSS | SASS/SCSS | Javascript | React.js | JQuery | Bootstrap | Materialize | Vuejs

**Backend:** Python | Flask | Ruby | Rails | C# |Node.js | Express.js | Pug.js | Async & Await | Sessions | UNIX | Java | VB.NET

**Database:** Oracle SQL | PostgreSQL | MongoDB | Mongoose | sqlite

**Security:** bcrypt | Passportjs | Kali Linux | Password Hashing

**Other:** *Microsoft:* Word | Powerpoint | Excel | Access | Publisher *Adobe*: InDesign | Photoshop | XD

**Projects**

**Facebook Developer Circle Hackathon - Sailor Moon inspired AR app**

* Worked with Spark AR to create an augmented reality effect
* Effect would randomly select a programming language, then “transform” them into a Sailor Moon character
* Won TechniGal Award

**(Chronos) - An education app for teachers to create timelines of events using a Wikipedia API.**

* Worked in a group of three
* Worked on the python and flask, and integrating RESTful API

**(Know Your Enemy) - Historical fighting game based around answering trivia questions**

* A game made entirely in HTML, CSS, Javascript, and JQuery
* Used Javascript to store trivia questions and answers
* Also used Javascript to connect each question set to a different historical figure

**(Cyberpunk 2077 Character Planner) - An rpg character planner for a video game**

* Used MEN stack to create two CRUDs for creating the character
* The first CRUD application creates the character’s backstory
* The second CRUD application creates the character’s game build referencing the first app

**(Pokemon Card Game) - A simplified Pokemon card game**

* Uses React w/ Pokemon API
* Side with the most exp wins
* Pokemon randomly have different exp within a certain range with each page load

**Education**

**General Assembly Los Angeles**

***Software Engineering Immersive*** Dec 2019

Taught software development and experienced typical work environments during project weeks. Learned OOP, MERN Stack, and connecting APIs. I had created a History Trivia game using DOM Manipulation, an RPG character planner using MEN stack, and a stock app using React w/ Rails. During a group project, my group and I created a Timeline application using React and Python w/ Flask connected with a Wikipedia API.

**Pluralsight**

***C# Fundamentals***

Introduction to C#. Courses go over everything from classes and objects to OOP. Apr 2020

**freeCodeCamp**

***Responsive Web Design*** June 2019

Learned front end techniques to make web pages responsive in correlation to screen size. Used skills to make webpages, surveys, and technical documentation that all respond to screen size and resizing.

***JavaScript Algorithms and Data Structures*** Nov 2019

Learned ES6, debugging, data structures, algorithm scripting, and object oriented programming. Used skills to make Caesar Cipher, Palindrome Checker, Roman Numeral Converter, Telephone Number Validator, and a Cash Register.

**Fullerton College**

***A.S. Degree in Computer Information Systems*** May 2019

Knowledge in programming, networking, website design, database design and administration, cyber-security, business principles and more. Provided hands-on experience in the use of industry-standard hardware, application software, operating systems, networking, and programming tools.

***A.A. Degree Mathematics and Science*** May 2019

Knowledge and understanding in the methodologies of science as investigative tools. Also able to examine the influence that the acquisition of scientific knowledge has on human experience.