

Avinash Murugappan

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EDUCATION

UNIVERSITY OF NORTH AMERICA

MS IN COMPUTER SCIENCE
June 2021 | Fairfax, VA
GPA: 4.0 / 4.0

SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY

BE IN COMPUTER SCIENCE
April 2018 | Cbe, India
GPA: 3.4 / 4.0

LINKS

Github:// [Avinash-Murugappan](#)
Medium:// [avinash90006](#)
Web:// [avicodes.netlify.app](#)
LinkedIn:// [Avinash Murugappan](#)
Unsplash:// [avinash27](#)
YouTube:// [Avi Codes](#)

CAPABILITY

LANGUAGES

Javascript • Python
Java • C/C++

FRONTEND

HTML • CSS • JS • React
React Native • Angular
Redux • Next • Jest

BACKEND

Node/Express • Django • Spring
Flask • MySQL • MongoDB
Firebase • DynamoDB

DEVOPS

Git • Netlify • Jenkins • Vercel
S3 • Lambda • API gateway
CloudFront • Route53 • ec2

CERTIFICATION

- AWS Certified Solutions Architect - Associate
- Oracle Work Force Java certified
- Apollo Computers Education - Java, C++, C

EXPERIENCE

MYBOOK <> SOFTWARE DEVELOPER INTERN

May 2019 – Aug 2019 | Fairfax, VA

- Designed Mybook's product page.
- Built Mybook's product page with **HTML, CSS, Javascript, Java and MySQL as microservice.**
- Built **REST api** end points for other microservices to access and to integrated with other microservices.

CANVERA <> MOBILE APP DEVELOPER INTERN

Oct 2017 – Nov 2017 | Chennai, India

- Designed and built UI components for the Canvera iOS app.
- Built prototype for new version of Canvera iOS app.

PROJECTS

DEVOPS BASED E-COMMERCE APP | GITHUB LINK

Feb 2020 – May 2020

- Project's objective was to build an integrated software system using latest in agile development tech.
- Developed order functionality microservice with spring mvc, Java, HTML and thymeleaf.
- Used MongoDB (MongoDB Atlas) as the microservice's database.
- Developed REST API endpoints to communicate with other services.

FLIXDER | GITHUB LINK

July 2020

- A python flask app that generates random netflix movie and show recommendations, with it's details listed for each title.
- A user can move through and watch with the click of a button
- Utilized API's, Kaggle movie data set and open movie database to fetch netflix titles and descriptions, posters, ratings respectively.

FLAPPYPOTTER FT.FLAPPYBIRD | GITHUB LINK

August 2020

- Python game development.
- A modified version of flappybird built using PyGame and customized graphics.

NATURAL EVENT TRACKER | GITHUB LINK

November 2020

- An application to track wildfire, storms and volcano events across the globe.
- The events are plotted on google map using React and NASA's open API.

GO GAME | GITHUB LINK

May 2019

- As part of a team, developed a board game that can be played securely over a TCP/IP network.
- Developed using JSF framework, spring security, HTML, and MySQL for storing game moves and user details which are hashed.
- Our solutions also included user authentication, data encryption using SSL/TSL protocol.