Avinash Murugappan

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EDUCATION

UNIVERSITY OF NORTH AMERICA
MS in Computer Science
Dec 2021 | Fairfax, VA
GPA: 3.6 / 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:// **avinashmurugappan.netlify.app**
LinkedIn:// **Avinash Murugappan**
Unsplash:// **avinash27**
YouTube:// **Avi Codes**

CAPABILITY

LANGUAGES
Javascript • Typescript • Swift
Java • Python • C/C++

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

BACKEND
Node/Express • Flask • Spring
Django • 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

E-COMMERCE DEVOPS 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.