Avinash A Murugappan

703-593-5187 • avinasharunachalam.am@gmail.com • Aldie, VA • [LinkedIn](#) • [GitHub](#) • [Portfolio](#)

PROFESSIONAL SUMMARY

Passionate Full Stack Developer who is looking for opportunities to leverage his skills in building responsive and scalable applications to solve interesting problems that delight end-users.

TECHNICAL SKILLS

Languages	JavaScript, Python, Java
Front-End Technologies	React, ES6, HTML5, CSS, SASS, Bootstrap, Material UI, Gatsby, Redux, thymeleaf, Styled-Components, Semantic UI, Jest, Mocha, Chai
Back-End Technologies	Node.js, Express, Mongoose, Spring, Django, Junit
Databases	MongoDB, MySQL, AWS DynamoDB, AWS RDS
Services & Tools	AWS, Netlify, Heroku CI/CD, Jenkins, Docker, Kubernetes, Git, SEO

EDUCATION

MS in Computer Science
📅 Sep 2020 - June 2021   📍 University of North America, Fairfax, VA

GPA: 4.0

BE in Computer Science and Engineering
📅 Aug 2014 - Apr 2018   📍 Sri Krishna College of Engineering and Technology, Coimbatore, India

EXPERIENCE

Junior Full Stack Developer, Global Action Alliance
📅 May 2021 - Present   📍 Ashburn, VA

- Responsible for designing and developing the entire WISE-R product end to end.
- Responsible for architecting complex front-end solutions for business requirements.
- Working in designing and developing dynamic web pages using React, CSS3, Bootstrap, SASS, Styled-Components, JavaScript.
- Building seamless user experiences using modern React libraries.
- Working with AWS (Amazon Web Services) EC2, S3, Lambda, DynamoDB and API Gateway.
- Working with Agile methodology and actively participating in Scrum meetings to produce quality deliverables within time.

Software Developer Intern, MyBook

📅 **May 2019 - Aug 2019**   📍 **Fairfax, VA**

- Worked with waterfall model SDLC, actively participated in requirement analysis and design phase.
- Worked closely with the design team to translate the designs into responsive, device specific, and semantic web pages.
- Developed MyBook's landing page, product web page, and contact page using HTML5, CSS3, JavaScript, Java, and MySQL.
- Worked with APIs to populate the product's information on the websites in an organized way.
- Worked closely with other web developers to optimize and improve the load performance.

PROFESSIONAL CERTIFICATIONS ([LINK](#))

- Solutions Architect Associate - AWS Certified
- Ultimate AWS Cloud Practitioner – Udemy
- Web Programming with Python and JavaScript – Harvard University CS50W
- JavaScript Essential Training - LinkedIn Learning
- React Front-End Bootcamp - Wynisco

PROJECTS

E-Commerce Web Application ([LINK](#))

Designed and developed the order microservice component as part of a full e-commerce microservices. Built and deployed with HTML, CSS, JavaScript, Thymeleaf, Spring MVC, Java, MongoDB, REST API endpoints, Docker, Jenkins, SonarQube, and AWS.

Weather Web Application ([LINK](#))

Designed and implemented a weather web application. The user can get the weather forecast based on the city. The app provides weather information along with rain, wind, sunrise, and sunset forecasts. This project was built with React and Styled-Components.

Avicodes Portfolio ([LINK](#))

Designed a static portfolio to display my professional profile. The portfolio is designed using React, Styled-Components, and Gatsby.

Crypto Tracker ([LINK](#))

Designed and developed a cryptocurrency price tracker application. The user can search for their desired cryptocurrency and get the latest information. Utilized Coin Gecko's cryptocurrency API. This project was built with React, React Hooks, and Axios