

## OBJECTIVE

To advance my career with a leading organization that will utilize my extensive software engineering knowledge while also allowing me to develop further as a professional

Experienced Software Engineer who is eager to leverage his skills in building responsive and scalable applications to solve interesting problems that delights the end-users.

## TECHNICAL ACUMEN

**Front-End Technologies:** React, Vue.js, ES6, HTML5, ASP.NET Razor, CSS, SASS, Bootstrap, Material UI, Gatsby, Redux, thymeleaf, Styled-Components, Semantic UI, Jest, Mocha, Chai, Gulp.js.

**Languages:** JavaScript, typescript, C#, Python, Java.

**Back-End Technologies:** .net, Node.js, Express, Mongoose, Spring, Django, Junit.

**Databases:** MongoDB, MySQL, AWS DynamoDB, AWS RDS.

**Services & Tools:** Azure DevOps, AWS, Netlify, Heroku CI/CD, Jenkins, Docker, Kubernetes, Git, SEO.

**CMS:** Sitecore, Sanity.io

## 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
- CSS Essential Training
- HTML Essential Training
- LinkedIn React.js – Building Interfaces
- LinkedIn React Essentials
- Learning ES6+
- Learning Jenkins
- Learning NoSQL Databases
- Node.js Essential Training
- React: Creating and hosting a Full Stack site
- React: Ecosystems
- SQL Essential Training
- Virtualization for Beginners - VMware

## PUBLICATIONS ([LINK](#))

- S. Rani, Akshay R., Avinash Arunachalam A. M, "A Study and Analysis of Different Simulators in Computer Network", International Journal of Innovative Research in Science Engineering and Technology, July 2017.
- Avinash Arunachalam A. M, Sai Aravindhan C P, "Accessing Smartphone via Wearable through Iris Scanner", International Journal of Engineering Applied Science and Technology, Jan. 2018.

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## PROFESSIONAL EXPERIENCE

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### Full-Stack Web Developer, Legrand AV Aug 2021 - Present

Eden Prairie, MN

- Part of the Audio Visual Customer Experience team to develop and maintain a B2B website legrandav.com and other digital experience applications.
- Integrated the website with Sitecore content management system by developing reusable templates and components.
- Developed responsive web components for web, mobile, and tablet views.
- Built reusable and responsive React and Vue.js components.
- Worked closely with other developers to optimize and improve website performance.
- Worked closely with the design team to translate the designs into responsive, device specific, semantic, and accessible web pages.
- Tech Stack utilized React, Vue.js, HTML, SCSS, JS, C# .net, SQL, Sitecore.
- Worked with libraries like Bootstrap, domready, requireJS, jQuery, and knockoutJS.
- Worked on .NET MVC Framework to connect front-end and manipulate services according to requirements.
- Integrated CI/CD pipelines using Azure DevOps and Git.
- Created automation and regression test suite using protractor and angular cli.
- Gave production and deployment support.
- Worked with Agile SDLC and actively participated in different agile ceremonies.
- Worked with REST API and custom built APIs to populate products's information on the website.
- Developed new reusable web components with custom solutions.
- Created and maintained front end build scripts using gulp framework.
- Enhanced the B2B features like order, checkout and quotes using a custom SAP platform named WECO.

### Junior Full Stack Developer , Global Action Alliance May 2021 - Aug 2021

Ashburn, VA

- Responsible for designing and developing the entire WISE-R products end to end
- Responsible for architecting complex front-end solutions for business requirements.
- Worked in designing and developing dynamic web pages using React, CSS3, Bootstrap, SASS, Styled-Components, JS.
- Built seamless user experiences using modern React Libraries.
- Worked with AWS (Amazon Web Services) EC2, S3, Lambda, DynamoDB, and API Gateway.
- Worked with Agile SDLC & actively participated in scrum meetings to produce quality deliverables within time.
- Responsible for checking cross browser compatibility and hence worked with different browsers.
- Deployed web applications using GITLAB CI/CD pipelines.

- Empowered customers to visualize policy growth in the market using Chart.js and JavaScript to develop graphs and charts.
- Built Single Page Applications (SPAs) and PWA using react, redux, Javascript (ES6) with backward compatibility.

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## EDUCATION AND CREDENTIALS

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Master of Science (M.Sc.) in Computer Science, Sep 2020 - June 2021  
University of North America, Fairfax, VA GPA: 4.0.

Bachelor of Engineering (B.E.) in Science Aug 2014 - Apr 2018  
Sri Krishna College of Engineering and Technology, Coimbatore, India.

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## PROJECTS

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### 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.