

OBJECTIVE

To advance my career with a leading organization that will utilize my extensive Web Development and AI knowledge while also allowing me to develop further as a professional

Full-Stack Web Developer with Sitecore and AI Experience who is eager to leverage his skills in building efficient, responsive and scalable applications to solve interesting problems that delights the end-users.

TECHNICAL ACUMEN

Front-End Technologies: React, Next.js, Vue.js, ES6, HTML5, ASP.NET Razor, CSS, SASS, Bootstrap, Gatsby, Redux, thymeleaf, Styled-Components, Semantic UI, Jest, Remix.js, Stencil.js, Gulp.js, Webpack.

Languages: JavaScript, C#, Python, Java.

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

Databases: MongoDB, MySQL, Cosmos DB, AWS DynamoDB.

Services & Tools: Azure DevOps, AWS, Azure Functions, Azure AI Services, Azure VM, Azure App Services, Lang Chain, K6 Load testing, JMeter, Jenkins, Docker, Kubernetes, Git, SEO, Cypress, Jasmine Angular CLI.

CMS: Sitecore, Sitecore JSS, Sanity.io

PROFESSIONAL CERTIFICATIONS

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| <ul style="list-style-type: none">● 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 | <ul style="list-style-type: none">● Microsoft Certified Azure Fundamentals● AZ-900 Microsoft Azure Fundamentals - Udemy● React: Creating and hosting a Full Stack site● React: Ecosystems● SQL Essential Training● Virtualization for Beginners - VMware● Langchain LLM● Sitecore 10 Developer Certification● Next.js● Remix.js |
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PUBLICATIONS

- 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 Aravindhana C P, "Accessing Smartphone via Wearable through Iris Scanner", International Journal of Engineering Applied Science and Technology, Jan. 2018.

PROFESSIONAL EXPERIENCE

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 CMS by developing reusable templates and components.
- Extensively worked with Sitecore Headless (JSS) and Sitecore CMS by developing reusable Sitecore components.
- Developed responsive web components for web, mobile, and tablet views.
- Built reusable, responsive, and cross-browser 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.
- Integrated the front end application with Sitecore content management system.
- Worked on .NET MVC Framework to connect front-end and manipulate services according to requirements.
- Integrated CI/CD pipelines using Azure DevOps and Git.
- Worked with MySQL by creating Tables, Stored Procedures and also by writing complex & efficient SQL Queries, and performing indexing & backups.
- 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.
- Collaborated with stakeholders to deliver features consistently in an incremental manner.
- Worked with REST API and custom built APIs to populate products' information on the website.
- Developed new reusable web components with custom solutions that follows the WCAG 2.0 ADA guidelines.
- Developed cross-framework reusable web component library with stencil.js.
- Created and maintained front end build scripts using gulp.js framework and webpack.
- Enhanced the B2B features like order, checkout, and quotes using custom SAP platform named WECO.
- I was part of the AI team in which I built different AI use case solutions for our internal divisions.
- I developed LLM Agents, toolsets and worked with indexes to feed data to the AI Models.
- Worked with GPT Models, Langchain framework, Python, Generative AI, and Microsoft AI services.
- Leveraged React.js, Typescript, and Express.js to build custom API's to consume information from AI models.
- Built Authentication for AI applications using microsoft IP and OAuth to provide necessary access to users.

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.

Developer Intern , Canvera
Aug 2017 - Oct 2017

- Responsible for developing reusable react native components for mobile app.
- Worked in designing and developing dynamic web pages using React.js, Redux, Bootstrap, SCSS.
- Built user experience components using modern JS Libraries.
- Worked with waterfall methodology produce quality deliverables within time.
- Collaborated with senior developers and UI engineers to learn and produce quality components.
- Worked with reactnative for web to integrate react.js and react native components for web.

EDUCATION

Master of Science (M.S.) 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.