

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 React Front-End UI 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 ACUMEN

Front-End Technologies: React, ES6, HTML5, CSS, SASS, Bootstrap, Material UI, Gatsby, Redux, thymeleaf, Styled-Components, Semantic UI, Jest, Mocha, Chai.

Languages: JavaScript, Python, Java.

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.

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.

PROFESSIONAL EXPERIENCE

Front End Developer NYTimes

New York, NY

May 2020 - June 2021

- Part of the front engineering web team to develop and maintain NYtimes.com.
- Developed responsive design for web, mobile web, and tablets.
- Part of architecting complex front-end solutions for business requirements.
- Tech Stack utilized React /Redux SSR, SASS, Node, and MongoDB.
- Developed new features for the product such as a new layout, and A/B Testing.
- Integrated the front end with the homegrown CMS solution for publishers.
- Helped with Page performance analysis and optimization.
- Worked on a test environment using Jenkins CI/CD and GitHub.
- Built great online seamless user experiences using modern frameworks and libraries.
- Built Single Page Applications (SPAs) and PWA using react, redux, JavaScript (ES6) with backward compatibility.
- Designed, implemented, and managed documentation for a number of stateful and stateless components along with redux.
- Developed new styled components to replace legacy applications and simultaneously migrate them to react.

Software Developer, Citi

Coimbatore, India

May 2017 - May 2018

- 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 product web page, and contact page using React, 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.
- Translated static front door forms to dynamic forms.
- Developed customized CSS frameworks like Bootstrap with SCSS code.
- Created custom SCSS for hover effects and trigger functionalities using pseudo-classes and pseudo-elements.
- 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.

EDUCATION AND CREDENTIALS

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.

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.