

PRASANNA SRIRAM

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- Innovative full stack developer with 5 years of work experience adept in all stages of web development.
- Skilled in building scalable web and mobile applications.
- Experienced in Analysis, Design, Development, Maintenance, and Implementing Client Server applications.
- Knowledgeable in designing user interfaces, testing, and debugging processes.
- Able to effectively self-manage during independent projects as well as collaborate in a team setting.

WORK EXPERIENCE

Software Engineer, MCL Systems Ltd

Manassas, Virginia, USA - September 2015 – March 2021

- Responsible for design, development, validation, and testing of software application that **monitors all the network elements in data centers**.
- Built software primarily with **C#, .NET technologies and MS SQL Server** for storing network data.
- Developed services that were capable of reporting device statuses to the database.
- Designed a **full stack web application** which processed, analyzed, and displayed the collected network information visually in terms of interactive user interfaces, charts, and graphs.
- Made use of **React and Redux** for implementing the front end of the web application and **MS SQL Server, Node JS/Express JS** for the back end.
- Ensured **cross-browser compatibility** and a **responsive website** across multiple devices.
- Reduced page load times by half in various user interfaces using popular techniques such as **caching, memorization, and lazy loading**.
- Responsible for constantly updating software based on customer's technical requirements.
- Involved in documentation of the product features and user manuals, developed technical sales and marketing materials for the product.

SKILLS

Front End

- HTML5/ CSS
- Javascript
- React JS
- React Hooks
- Redux Design
- jQuery, Ajax
- Responsive Web Design

Back End

- Node JS, NPM
- Express JS
- .NET Framework, C#
- MS SQL Server
- Postgres SQL
- Firebase, Firestore
- Heroku, Netlify

MISCELLANEOUS SKILLS

- Git, Git Bash, Github Desktop
- Microsoft Team Foundation Server
- VS Code, Visual Studio
- Python
- React Native

EDUCATION

Master of Science in Engineering – Electrical Engineering

Arizona State University - August 13 – May 15

B.E. in Electronics and Communications Engineering

SSNCE, Anna University - August 09 - May 13

PROJECTS

- E Commerce Web App – [LIVE SITE](#) - [CODE](#)
- Cryptoverse – [LIVE SITE](#) - [CODE](#)
- Spotify Charts – [LIVE SITE](#) - [CODE](#)
- Netflix-Clone – [LIVE SITE](#) - [CODE](#)
- Video Browser App – [LIVE SITE](#) - [CODE](#)
- API Proxy Server – [LIVE SITE](#) - [CODE](#)
- Modern Responsive Website – [LIVE SITE](#) - [CODE](#)
- Face Detector App – [LIVE SITE](#) - [CODE](#)
- Dashboard User Interface – [LIVE SITE](#) - [CODE](#)
- Image Finder App – [LIVE SITE](#) - [CODE](#)