

# PRASANNA SRIRAM

📍 Chennai, India

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🌐 <https://prasanna-sriram.netlify.app/>

- 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

- |                         |                               |
|-------------------------|-------------------------------|
| • HTML5/ CSS            | • Node JS, NPM                |
| • Javascript            | • Express JS                  |
| • REST APIs             | • SEO                         |
| • React JS              | • Redux Design                |
| • C#                    | • .NET Framework              |
| • Next JS               | • Next Auth                   |
| • React Hooks           | • Agile methodologies         |
| • MS SQL Server         | • Postgres SQL                |
| • Python                | • jQuery, Ajax                |
| • Netlify               | • Vercel                      |
| • Heroku                | • Firebase, Firestore         |
| • Git                   | • Microsoft TFS               |
| • VS Code               | • Visual Studio               |
| • Responsive Web Design | • React Native                |
| • UI/UX Design          | • Cross Browser Compatibility |

## 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

- |   |  |
|---|--|
| • Flexible App – <a href="#">LIVE SITE</a> - <a href="#">CODE</a>             | • API Proxy Server – <a href="#">LIVE SITE</a> - <a href="#">CODE</a>          |
| • E Commerce Web App – <a href="#">LIVE SITE</a> - <a href="#">CODE</a>       | • Spotify Charts – <a href="#">LIVE SITE</a> - <a href="#">CODE</a>            |
| • Car Showcase App – <a href="#">LIVE SITE</a> - <a href="#">CODE</a>         | • Cryptoverse – <a href="#">LIVE SITE</a> - <a href="#">CODE</a>               |
| • Face Detector App – <a href="#">LIVE SITE</a> - <a href="#">CODE</a>        | • Modern Responsive Website – <a href="#">LIVE SITE</a> - <a href="#">CODE</a> |
| • Video Browser App – <a href="#">LIVE SITE</a> - <a href="#">CODE</a>        | • Netflix-Clone – <a href="#">LIVE SITE</a> - <a href="#">CODE</a>             |
| • Dashboard User Interface – <a href="#">LIVE SITE</a> - <a href="#">CODE</a> | • Image Finder App – <a href="#">LIVE SITE</a> - <a href="#">CODE</a>          |