

# SAI SURYA SIVA PRASAD RAGHAVARAPU

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## INTRODUCTION

Results-driven full stack developer with a unique blend of a BS in Electronics and Communication and an MS in Computer Science. Experienced in delivering innovative solutions during my tenure at Accenture. Strong problem-solving skills and a track record of contributing to successful full stack projects. Seeking full-time roles to apply my industry experience, technical expertise, and interdisciplinary background in creating impactful solutions.

## EDUCATION

- **MS in Computer Science** — Rutgers University, New Brunswick (NB) — 2024 — GPA: 3.6
- **B.Tech in Electronics and Communication Engineering** — Amrita University, Bangalore — 2020 — GPA: 3.6

## EXPERIENCE

- | Company   | Role                         | Duration  | Location         |
|---|------------------------------|-----------|------------------|
| Accenture   | Full Stack Software Engineer | 2020-2022 | Hyderabad, India |
| <ul style="list-style-type: none"><li>– Conceptualized and deployed Salesforce Document Auto-Fill feature using Apex triggers, classes, and Amazon Textract, which halved document processing time and ensured nearly 90% data accuracy.</li><li>– Engineered an integration of Salesforce with Amazon Textract, achieving a 50% reduction in processing time and ensuring seamless OCR and text extraction for heightened efficiency.</li><li>– Architected the "Near By Healthcare Professionals" feature, integrating Salesforce Maps API, Apex controllers, and Lightning Web Components within the patient portal, leading to a 40% reduction in search time for healthcare professionals.</li><li>– Coded and deployed a custom Apex trigger, resulting in a 30% reduction in manual effort for calculating due dates across the organization's global Salesforce system.</li><li>– Overhauled time zone handling and utilized custom objects/settings to manage holiday schedules, improving due date accuracy by 95% and enhancing productivity for teams working in different regions.</li></ul> |                              |           |                  |
| Experts Hub   | Software Engineer Intern     | 2019-2020 | Chennai, India   |
| <ul style="list-style-type: none"><li>– Unified Salesforce Apex and Lightning Web Components with Google News API for real-time healthcare updates in the patient portal, boosting user engagement by 35% and update frequency by 50%.</li><li>– Strengthened user engagement metrics with a significant 40% increase in daily active users and a substantial 25% boost in average session duration, enhancing patient satisfaction and information accessibility.</li><li>– Devised Salesforce Voice Integration with Amazon Alexa API, Apex controllers, and Lightning Web Components, improving healthcare professionals' efficiency by 40% in initiating voice calls to patients.</li><li>– Automated real-time speech-to-text feature with continuous translation using the industry-leading Google Cloud Speech-to-Text API, resulting in a 40% reduction in manual data entry time for healthcare professionals.</li></ul>   |                              |           |                  |

## PROJECTS

- **Auto-Generated Blog Platform with ChatGPT Integration** — April 2023 - June 2022
  - Engineered a high-performance blogging platform using Next.js 13.3, Prisma, and TypeScript, achieving a 30% improvement in load times and a 20% increase in overall application performance.
  - Pioneered the integration of OpenAI's ChatGPT for automated content creation, resulting in a 50% boost in weekly content production and a 15% rise in user engagement.
- **MERN Finance Dashboard App with Machine Learning Predictions** — January 2023 - March 2023
  - Developed a finance dashboard application incorporating machine learning predictions, which improved financial data analysis efficiency by 40%.
  - Enhanced user experience and data visualization by implementing Material UI and Recharts. Improved state management with Redux Toolkit, reducing data retrieval times by 20%.
- **Fullstack MERN Social Media Application with Authentication, Likes, and Dark Mode** — September 2022 - December 2022
  - Developed a Fullstack MERN Social Media Application, integrating complex features such as user authentication, post creation, and dark mode. Optimized the application's performance by 25% through efficient code practices and database management.
  - Leveraged Material UI for a responsive design and Redux for efficient state management. Improved the application's load time by 15% by optimizing React components and implementing efficient Redux actions and reducers.

## SKILLS

- **Front end:** Next.js, React.js, HTML, CSS, JavaScript
- **Backend:** Node.js, Express.js, MongoDB, Firebase
- **Languages:** JavaScript, Python, Java, C++
- **Technologies:** Salesforce, Apex, Lightning Web Components, Amazon Web Services (AWS), Google Cloud Platform (GCP), RESTful APIs
- **Other:** Git, Agile/Scrum, UI/UX Design