SAI SURYA SIVA PRASAD RAGHAVARAPU

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SUMMARY

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

- **Accenture**　　　　**Full Stack Software Engineer**　　　　**2020-2022**　　　　**Hyderabad, India**

  – 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.

  – 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.

  – 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.

  – 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.

  – 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.

- **Experts Hub**　　　　**Software Engineer Intern**　　　　**2019-2020**　　　　**Chennai, India**

  – 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%.

  – 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.

  – 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.

  – 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.

PROJECTS

- **Auto-Generated Blog Platform with ChatGPT Integration** — April 2023 - June 2023

  – 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