

Sricharan S

<https://sricharans.vercel.app/>
Bengaluru, India

Email: srichoffl@gmail.com

Mobile: +91-7829839017

LinkedIn: [linkedin.com/in/sricharan-s-179105151](https://www.linkedin.com/in/sricharan-s-179105151)

EDUCATION

- **PES University** Bengaluru, India
Masters in Computer Science (M.Tech); GPA: 8.68/10 Aug 2020 – June 2022
- **Visvesvaraya Technological University** Bengaluru, India
Bachelors in Computer Science and Engineering; GPA: 7.12/10 Aug 2015 – Jun 2019

EXPERIENCE

- **Intel** Bengaluru, India
Software Application Development Engineer Jul 2023 - Present
 - **Full-Stack Development:** Spearheaded the development and maintenance of full-stack enterprise applications using React.js, .NET, and Azure, resulting in a 25% improvement in application performance and user satisfaction
 - **Secure Authentication:** Implemented robust authentication and authorization solutions leveraging Azure role management, leading to a 40% reduction in unauthorized access incidents and enhanced data security.
 - **CI/CD Optimization:** Architected and optimized CI/CD pipelines using GitHub Actions, achieving a 50% reduction in deployment time and a 30% increase in automated test coverage, streamlining the release process.
- **Intel** Bengaluru, India
Enterprise Application Development Engineer Aug 2022 - Jul 2023
 - **Dynamic Applications:** Engineered dynamic enterprise applications with a React.js frontend and Node.js (Express) backend, boosting user engagement by 35% through intuitive UI/UX design and responsive features.
 - **Supply Chain Innovation:** Innovated supply chain solutions that reduced scrap percentage by 60%, generating 600,000\$ in annual savings and improving operational efficiency.
 - **Data Management:** Developed and maintained data management solutions using SAP HANA and Snowflake, enhancing data retrieval speed by 40% and supporting real-time analytics.
 - **RESTful Integration:** Integrated RESTful services to ensure seamless communication between frontend and backend systems, reducing API response time by 20% and improving system reliability.
 - **Container Deployment:** Deployed applications using Docker containers and Kubernetes, achieving a 50% increase in resource utilization efficiency and scalability.
- **Intel** Bengaluru, India
Intern, AXG Sep 2021 - Jul 2022
 - **Machine Learning Implementation:** Led the implementation of machine learning models for stress testing graphics drivers, ensuring robust performance and reducing failure rates by 15%, contributing to product reliability
 - **Test Automation:** Developed test automation scripts for graphic drivers using Python, focusing on General-Purpose Graphics Processing Units (GPGPUs), increasing test coverage by 25% and enhancing validation processes.
 - **Automation Solutions:** Designed and implemented test automation solutions, improving validation efficiency by 30% and reducing manual testing efforts by 40%, thereby accelerating the development cycle.

PROJECTS

- **Stock Trend Prediction using SVR techniques:** Authored a research paper on Stock Trend Prediction using Support Vector Regression (SVR) techniques as part of a Capstone project. Published in IEEE.
- **IPL data manipulation using Apache Spark:** Executed IPL data analysis using Apache Spark to identify the bowler from whom each batsman scored the maximum number of runs. Developed scalable solutions within the Apache Spark framework for large datasets.

PROGRAMMING SKILLS

- **Languages:** JavaScript, Python, Java, C#, SQL
- **Databases:** SQL, PostgreSQL, MongoDB
- **Technologies:** React.js, Node.js, .NET, Azure, AWS
- **Tools:** Docker, Kubernetes, GitHub Actions