

# Sricharan S

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## EDUCATION

### PES University

Masters in Computer Science (M.Tech)

GPA: 8.68/10

Bengaluru, India

Aug 2020-June 2022

### Visvesvaraya Technological University

Bachelors in Computer Science and Engineering

GPA: 7.12/10

Bengaluru, India

Aug 2015-Jun 2019

## SKILLS

- **Frameworks:** React.js, Express.js, NodeJS, ASP.NET Web api & MVC.
- **Operating Systems:** Unix/Linux, Windows.
- **Programming Languages:** Javascript, Python, Java, C#.
- **Database Technologies:** SQL, Postgres, Mongo.
- **Cloud Tech, Deployment & Tooling:** GHA, Docker, Kubernetes, Apigee, AWS, Azure.

## EXPERIENCE

### Intel

Dec 2023 - Present

Software Application Development Engineer

- **Full-Stack Development:** Build dynamic applications using **ReactJS**, **JavaScript**, **.NET**, **EF Core**, and **ASP.NET MVC/Web API**, ensuring seamless integration between frontend and backend.
- **CI/CD & Deployment:** Design and maintain **CI/CD pipelines** using **GitHub Actions (GHA)**, deploy applications via **Docker** and **Kubernetes** on internal clusters.
- **Azure & Role Management:** Manage app roles and authentication through **Azure** to ensure secure access control.
- **Database Management:** Leverage **PostgreSQL** for data storage with the ability to connect externally to other databases.
- **API Integration:** Connect to external services like **S/4 HANA** using **Apigee** for secure, efficient API communication.
- **Optimization & Scalability:** Focus on performance optimization and scalability, utilizing modern frameworks and cloud-native technologies.

Enterprise Application Development Engineer

Aug 2022 - Dec 2023

- **Enterprise Application Development:** Led the development of dynamic, user-centric enterprise applications using **ReactJS** for the frontend and **Node.js (Express)** for backend infrastructure.
- **Supply Chain Optimization:** Reduced scrap percentage by **60%** within the supply chain, generating **millions in annual savings** through innovative features.
- **Data Management:** Proficiently managed data using **SAP HANA** and **Snowflake** for scalable and efficient data storage and retrieval.
- **Integration & Optimization:** Collaborated with cross-functional teams to **integrate RESTful services**, ensuring smooth communication between front-end and back-end systems.

Intern, AXG

Sep 2021 - June 2022

- **Led machine learning model execution** for stress testing graphics drivers, ensuring robust performance under varying conditions.
- **Contributed to Intel's Automation Team**, focusing on test automation for graphic drivers using **Python**, with a particular emphasis on General-Purpose Graphics Processing Units (GPGPUs).
- **Engaged in post-silicon validation activities**, ensuring the robustness and reliability of graphics drivers through systematic automated testing procedures.
- **Applied scripting skills** to design and implement effective test automation solutions, enhancing the efficiency and accuracy of the validation process for graphics drivers.

ExpertsHub Industry Skill Development Centre

Jan 2017 - Feb 2017

Intern

- **Spearheaded the design and implementation of a Smart Parking System prototype**, seamlessly connecting hardware sensors (ESP8266, Raspberry Pi, Arduino) with a user-friendly Android application.

## ACADEMIC PROJECTS & RESEARCH

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### 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. Conducted a detailed comparative study to evaluate the effectiveness of different kernel models based on accuracy and recall scores.

### Ipl data manipulation using Apache Spark

- **Implemented 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.