

Sreevikram Chandrasekhar

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Education

Santa Clara University, Santa Clara, California (<i>Graduated with Great Distinction</i>)	09/2021 – 06/2023
Master of Science in Computer Science and Engineering, GPA: 3.71/4.00	
BMS College of Engineering, Bangalore, India (<i>Graduated with Highest Distinction</i>)	08/2015 – 06/2019
Bachelor of Engineering in Electronics and Communication Engineering, GPA: 8.70/10.00	

Technical Skills

- **Languages:** Java, C/C++, Assembly Level Programming, Linux, Unix
- **Web Development:** HTML, CSS, Javascript, React.js, Express.js, Node.js, MERN Stack
- **Analytics:** Python, SQL, Power BI, Excel
- **Databases:** MySQL, MongoDB
- **Other:** Kubernetes, Docker, Spring Framework, Qt Framework, JSON, JWT, REST API, Postman, SVN, Git, MATLAB

Certification

Amazon Web Services - *Certified Cloud Practitioner*

Professional Experience

Full Stack Developer – Accenture, India	06/2019 – 06/2020
<ul style="list-style-type: none">• Developed and supported applications for a Pharmaceutical Client in USA and Japan, enabling scientists in the development and discovery of life-saving drugs. Explored the integration of Web-Applications & Software Systems with Pharmaceutical tools• Successfully worked on code enhancements, improving the performance benchmarks of existing software platforms by facilitating a 12% decrease in simulation run-time• Conducted Server Maintenance procedures to ensure smooth functioning of the supported applications• Designed and implemented database batch jobs allowing data flow between the 200+ applications, drastically improving the client experience• Tested software troubleshooting methods, devised innovative solutions and documented resolutions for inclusion in knowledge base for support team use while fulfilling the SLA at 100%	
Software Developer Intern – Hindustan Aeronautics Limited, India	07/2018
<ul style="list-style-type: none">• Designed and implemented an avionics system that measured, recorded and transmitted the flight control surface parameters• The Rudder Deflection angle was of primary interest and was tracked with an accuracy of 98%	

Academic Projects

Cloud Based Loan Default Prediction Model	01/2023 – 03/2023
<ul style="list-style-type: none">• Developed and trained a highly accurate Machine Learning Model using XGBoost Regression to predict loan defaulting with an accuracy rate of 95%• Implemented the machine learning model on AWS using various components including Amplify, API Gateway, Cognito, S3, Lambda and SageMaker, resulting in a seamless and efficient application deployment process• Collaborated in a team of 4 as the lead responsible for model building and AWS integration, ensuring successful teamwork while meeting project deadlines	
Airline Passenger Satisfaction Prediction Model	01/2023 – 03/2023
<ul style="list-style-type: none">• Implemented and refined a Machine Learning Model utilizing Logistic Regression, Decision Tree, Bagging and Random Forest models to accurately predict passenger satisfaction with an average accuracy rate of 85%• Identified and prioritized key parameters influencing passenger satisfaction through a thorough analysis of the machine learning model outputs, leading to improved decision-making processes within the organization• Collaborated in a team of 2 to successfully develop and evaluate the machine learning model, ensuring the highest level of accuracy and efficiency in predicting passenger satisfaction	
Employee Management System	01/2022 – 03/2022
<ul style="list-style-type: none">• Developed a scalable full-stack application that streamlined employee details and payroll system, resulting in a reduction in administrative time and generating accurate pay slips for over 500 employees• Collaborated in a team of 3 to successfully develop the back-end Java system, integrating with the database and front-end interface, resulting in a seamless user experience	