Adarsh Kannan Iyengar

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Education

Dalhousie University · **January 2022 – Apr 2023**
Master of Applied Computer Science · *GPA: 3.92/4*

SCSVMV · **August 2017 – May 2021**
Bachelor of Computer Science and Engineering · *CGPA: 9.11/10*

Experience

Deloitte · **Jan 2023 – Apr 2023**
Information Technology Co-op · *Halifax, Canada*

- Streamlined onboarding process by migrating data from an old Excel spreadsheet to a new pricing app using Salesforce CRM and Lightning Web Components, resulting in a 30% increase in new hire productivity.
- Improved user satisfaction scores by 20% by identifying and implementing client requirements, particularly in the iHelp Module.
- Automated business processes and improved software delivery by writing Apex classes, implementing Git version control, and using CI/CD with Azure Pipelines causing a 15% reduction in deployment time.
- Ensured optimal application performance and minimized defects by writing comprehensive unit test cases, resulting in a 25% reduction in errors.

Rubixe · **Dec 2020 – May 2021**
Data Science Intern · *Bangalore, India*

- Leveraged advanced statistical techniques, including regression models and data analysis, to achieve 70% accuracy in predicting and optimizing critical business outcomes.
- Boosted retention rates by an impressive 20% through the development and implementation of churn risk scores, demonstrating an ability to drive meaningful business results through data-driven insights and innovative solutions.

Google Online Marketing Challenge · **Dec 2018 – Feb 2019**
Team Member · *Chennai, India*

- Analyzed Google AdWords account for a 5-year trend and suggested strategic investment.
- Collaborated with a 5-member team to achieve improved profitability of 20% through refining keywords, demographics,Adword reinvestment.

Projects

Serverless BnB | *AWS Cognito, AWS DynamoDB, AWS Lex, GCP Cloud Run, GCP Pub-Sub, FireStore*

- Developed a serverless bed and breakfast web application using AWS and GCP services, implementing user authentication, chatbot assistance, room bookings, food ordering, and tour bookings for a seamless user experience.

Car Dealership and Rental System | *ReactJS, NodeJS, ExpressJS, MongoDB, Material UI, Heroku*

- Engineered a comprehensive web application for customers and dealers, streamlining car purchase, servicing, rentals, and test drive bookings. Empowered dealers with efficient management of operations and personnel.

WiseShopping | *Java, Spring Boot, MySQL*

- Architected a console based application that allows merchants to easily manage inventory, set prices for products, and track sales performance; reduced the average time for product listing by 50% and decreased the turnaround time for order fulfillment by 25%

Stock Price Prediction | *Python, Pandas, NumPy, Matplotlib, Jupyter Notebook*

- Utilized the Auto-Regressive Integrated Moving Average (ARIMA) model to accurately forecast stock prices, achieving a 90% accuracy rate and 10% mean-square error.

Technical Skills

Languages: Java, JavaScript, Python, Apex
Database: MongoDB, MySQL
Cloud Services: Amazon Web Services (AWS), Google Cloud Platform (GCP)
Developer Tools: VS Code, IntelliJ IDEA, Git, GitHub, Salesforce DX CLI, Jenkins, Postman, Jupyter Notebook, Linux
Web Technologies/Frameworks: ReactJS, NodeJS, ExpressJS, PHP, Spring Boot, HTML, CSS, Bootstrap, XML, jQuery,Lightning Web Components