

Sreya Sukhavasi

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EDUCATION

Master of Science in Computer Science

Jan 2022 - Dec 2023

Arizona State University, Tempe, AZ

4.0/4.0 GPA

Coursework: Distributed Database Systems, Data Mining, Software Verification & Validation, Semantic Web Mining.

Bachelor of Technology in Computer Science

Jul 2017 - Jun 2021

Amrita Vishwa Vidyapeetham, Kerala, India

3.3/4.0 GPA

Coursework: Data Structures and Algorithms, Object-Oriented Programming, Database Management System, Computer Networking, Operating Systems, Software Engineering, Natural Language Processing, Machine Learning.

TECHNICAL SKILLS

Programming Languages: Java, C++, JavaScript, Python, C, Bash, R, C#, Go, TypeScript.

Front-End: PHP, HTML, CSS, React JS, Bootstrap, JSP, jQuery.

Framework: Spring Boot, .NET, Hibernate, Vue.js, Node JS, REST, Angular, Django, Flask, Apache Spark, Hadoop, Express JS.

Tools and Databases: AWS, Google Cloud, Azure, Jira, Postman, Docker, Git, Excel, MySQL, PostgreSQL, MongoDB, SQLite3.

PROFESSIONAL EXPERIENCE

ZS Associates, Pune, India: Decision Analytics Associate

Jul 2021 - Dec 2021

- Developed an end-to-end application using Java and React JS, delivering tailored features score and engagement index, resulting in a 10 to 15% improvement in accuracy and efficiency.
- Progressed legacy R code to Python, resulting in improved functionality, performance, and ease of maintenance. The updated code significantly reduced the time required by 0.5 to perform data checks resulting in a streamlined process.
- Created a tool to monitor 15 products' latest business alignments, improving ease of tracking and incorporating necessary channels and content for respective products, especially useful during quarterly revisits of model retraining.
- Administered building the Affinity Predictor app for CCM-Merck that predicts affinity of channels & content, assigned scores, and plays a crucial role in promoting products and boosting sales by 17 percent.

ZS Associates, Pune, India: Decision Analytics Associate Intern

Jan 2021 - Jun 2021

- Developed full-stack web application using Java to facilitate Business analysis through interactive data visualizations, providing insights and enabling a 10 percent improvement in data-driven decision-making.
- Attained a data validation application and reduced manual effort by 40% by automating the process of verifying the accuracy and completeness of extracted data from the S3 bucket, improving the efficiency of business analysis.
- Implemented service tools for business alignments and data requests, resulting in a 60 percent reduction in requests.

RELEVANT PROJECTS

New York City Taxi Ride Time Analysis, Class Project

Jan 2022 - Mar 2022

- Assisted an NYC taxicab company with operational and strategic level decisions.
- Executed spatial queries on large databases using Apache Spark and Hadoop systems with AWS EC2 machines.

Team Collaboration System, Personal Project

Mar 2020 - May 2020

- Designed a project management application using Django and SQLite3 database.
- Provided 4 features, task management, project timeline management, and team workload tracking, with a review section for managers.

Online Car Parking System, Class Project

Aug 2017 - Dec 2017

- Engineered a web app using Java, providing real-time parking space monitoring, reservations, and payment options.
- Implemented 2 advanced features such as user authentication, and space availability notifications for regular users.

WORK EXPERIENCE

Arizona State University, Tempe, AZ: Coding and Research Aide

May 2022 - Present

- Streamlined a website using React JS hosted on AWS Amplify for cognition experiments under the supervision of Noble Laurent Dr. Leland Hartwell, making the work accessible to a broader audience.
- Integrated the file upload directly to S3 via API Gateway and Lambda function using a pre-signed URL.