

# Sreya Sukhavasi

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## EDUCATION

### Master of Science in Computer Science

Jan 2022 - Dec 2023

Arizona State University, Arizona, USA.

GPA: 4.0/4.0

Coursework: Distributed Database Systems, Data Mining, Software Verification & Validation, Software Requirements & Specs.

### Bachelor of Technology in Computer Science

Jul 2017 - Jun 2021

Amrita Vishwa Vidyapeetham, Kerala, India.

GPA: 3.3/4.0

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, JavaScript, TypeScript, Python, C++, C, R, Bash, Scala.

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

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

**Tools:** AWS (EC2, ECS, IAM, Amplify, CloudWatch, Lambda, API Gateway, S3), GCP, Azure, Jenkins, Jira, Docker, Git, Postman.

**Testing & Methodologies:** Junit, Cypress, Selenium, Agile, Scrum, Waterfall.

**Databases:** SQL (MySQL, PostgreSQL, Oracle), NoSQL (MongoDB, DynamoDB).

## PROFESSIONAL EXPERIENCE

### ZS Associates, Pune, India: Decision Analytics Associate

Jul 2021 - Dec 2021

- Engineered Java-based Object-Oriented Client/Server applications, ensuring high-quality software delivery.
- Developed using ReactJS components, Forms, Events, Keys, Router, Animations, and Flux concepts for 3 products.
- Leveraged AWS S3, API Gateway, Lambda, DynamoDB, and CloudWatch for seamless integration and monitoring.
- Built controllers and view pages using Java Server Pages (JSP) and HTML5 for responsive web application functionality.
- Collaborated closely with 4 cross-functional teams to gather requirements, design robust software solutions, and implement using Agile methodologies, ensuring effective collaboration and timely project delivery.

### ZS Associates, Pune, India: Associate Intern

Jan 2021 - Jun 2021

- Architected visually appealing and interactive user interfaces using React's declarative syntax, CSS styles (CSS3), and JavaScript, with Redux for efficient state management.
- Integrated Node.js, npm, React, Redux, and various React libraries to deliver 7 robust and scalable solutions.
- Mastered Git for version control, collaborated seamlessly on GitHub, and expertly implemented CI/CD pipelines for Docker-based applications using AWS Code Pipeline or Jenkins.

## PROJECTS

### New York City Taxi Ride Time Analysis

Jan 2022 - Mar 2022

- Processed Spatio-temporal big data with Spark in the Hadoop cluster to identify NYC's top pick-up areas from taxi drop-off data, resulting in a 47% increased pick-up rate and 83% faster processing.

### Med-E-Care

May 2021 - Jun 2021

- Revolutionized E-commerce using Python with Flask, PostgreSQL, JavaScript, HTML5, and CSS for efficient procurement.
- Complemented by an ML and NLP chatbot for enhanced user engagement and COVID-19 data in online healthcare.

### Online Car Parking System

Jan 2021 - Apr 2021

- Engineered real-time parking management, reservations, and efficient data handling by utilizing Spring and Hibernate for CRUD operations on a MySQL DB. Reduced retrieval times by 41% for an enhanced user experience.
- Enforced secure credit card processing, leading to a 36% increase in online transactions for seamless payment experiences.

## ACADEMIC RESEARCH

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

May 2022 - Present

- Streamlined a RESTful API-based web app, hosting 14 admin-created cognition experiments for Noble Laureate Dr. Leland Hartwell, utilizing MongoDB Atlas, Express.js, React, and Node.js, with deployment on AWS EC2.
- Parsed JSON objects using JavaScript for 3 projects, facilitating seamless data exchange between the client and servers.

## CERTIFICATIONS

- 1) Postman API Fundamentals Student Expert
- 2) Machine Learning
- 3) Fundamentals of Deep Learning for Computer Vision

Jul 2023

Aug 2020

Oct 2019