

SHRIYA UPASANI

Los Angeles, California | +1-502-319-9417 | ssupasan@usc.edu | linkedin.com/in/shriya-upasani | github.com/ShriyaUpasani | shriya-upasani.vercel.app/

EDUCATION

University of Southern California, Los Angeles

January 2023 - December 2024

Master of Science in Computer Science

- Courses taken: Analysis Of Algorithms, Database Management Systems, Web Technologies, Multimedia Systems Design, Machine Learning for Data Science, Information Retrieval, Scientific Computing

Dr Vishwanath Karad MIT World Peace University (MIT-WPU)

July 2018 – June 2022

Bachelor of Technology in Computer Science

- Courses taken: Object Oriented Programming(C, C++), Data Structures, Operating Systems, System Testing and Quality Assurance (Selenium, SDLC, Asana)

SKILLS

Programming Languages: Python, Java, JavaScript, TypeScript, SQL, C/C++, C#, HTML, CSS, Go, GraphQL, Kotlin, PHP

Frameworks & Tools: Flask, React, Angular, Ajax, Node.js, Express, Django, Redux, .NET, Next.js, Swing, Prisma, REST APIs, Socket.io, D3.js, Vue.js

Tools & Technologies: MongoDB, MySQL, NoSQL, PostgreSQL, Android Studio, Cassandra, SaaS, Oracle

DevOps & Cloud: AWS (EC2, S3, Lambda), Google Cloud Platform, Docker, Kubernetes, Spring Boot, Terraform, CI/CD (Jenkins, GitHub Actions)

PROFESSIONAL EXPERIENCE

Workup, Los Angeles, United States

May - Aug 2024

Android Developer

- Led a team of 6 developers to deliver a user-friendly Android app increasing responsiveness by 30% and improving integration across three teams.
- Engineered a scalable API communication framework with Retrofit and optimized backend interactions by 20% for user authentication using Firebase
- Spearheaded the implementation of Stripe payment processing, and maintained best practices in coding and UI/UX design

ZS Associates, Pune, India

July - December 2022

Business Technology Solutions Associate

- Analyzed 50GB+ of data weekly for US pharmaceutical incentive calculations and quarterly growth trend analysis and rewarding the top 1%
- Co-ordinated with clients for delivery of incentive reports using Tableau, customer support, ad-hoc analysis using JIRA, increasing semester goals by 20%
- Automated manual Quality Control checks using Microsoft Excel macros, SQL and Python to streamline workflow and reduce time; additionally, integrated AWS service tools such as Athena, EC2, S3 to improve project result quality

Pimpri Chinchwad Police Commissionerate, Pune, India

March - June 2021

Backend Intern

- Designed a Windows application with an automated UI to ease workload and effort needed by police officers to manually match criminal data by 70%, using Electron.js, Apache, PHP and SQL database to facilitate easy and agile case data retrieval and processing

ACADEMIC PROJECTS

AI Career Coach | <https://giggle-gig.vercel.app/>

December 2024

- Built an AI-powered SaaS career coaching platform with Gemini AI for generating industry insights, mock interviews, and resume/cover letter creation.
- Implemented user authentication, onboarding workflows, and database models using Prisma and PostgreSQL in a Next.js application.
- Deployed interactive UI components, weekly AI-generated insights, and resume downloads with Tailwind, Shadcn UI, and Inngest.

Online Chat App | Spring Boot, WebSocket, Swing, Maven, Docker, Render

September 2024

- Developed a real-time messaging application using Spring Boot WebSocket for seamless bidirectional communication.
- Built a GUI client using Swing, implementing WebSocket connection handling, user authentication, and message broadcasting.
- Deployed the WebSocket server using Docker and Render, enabling real-time chat functionality accessible from anywhere

eBay Explorer: Android Edition | Android Studio, Kotlin, Node.js, MongoDB, Restful API, Google Cloud (GCP)

December 2023

- Developed an eBay product search app for Android using Kotlin, enhancing UI with Material Design for a seamless user experience.
- Optimized MongoDB with indexing and a structured schema for an advanced Wishlist feature, integrating Google Photos API, Facebook Share, validation checks, and a similar products API to enhance functionality.
- Built a Node.js backend to streamline communication with eBay's API, improving data retrieval times by 40% through optimized caching.

eBay Product Search and Wish List- Full stack | <https://assignment2-shriya.wl.r.appspot.com>

October 2023

- Spearheaded development of web-based platform, combining AJAX, JSON, Javascript, HTML5, Bootstrap, and Python Flask for a dynamic client-side experience and robust server-side operations using Node.js (NPM) and the Express framework along with MongoDB
- Integrated eBay's API for real-time product search functionality, Google Search API, and geolocation API to enable intuitive product searches, based on location ensuring an improved user experience
- Leveraged Google Cloud(GCP) for enhanced scalability, deploying a solution that ensures high reliability and 100% availability for users
- Enhanced product search capabilities in a user-centric web application using REACT(routing), React-Redux for the frontend and initiating social media sharing capabilities, specifically with Facebook, across the entire platform

CERTIFICATIONS AND LEADERSHIP

Certifications:

- The Complete 2021 Web development Bootcamp (May 2, 2021) Skills: HTML, CSS, JavaScript, jQuery, ES6, MongoDB, NodeJS, REACT
- AWS Fundamentals by Amazon Web Services on Coursera. (October 24, 2020) Skills: S3, EC2, Elastic, Networking on AWS, AWS Management Console
- Azure Data Fundamentals DP-900 (In Progress), Azure Data Engineering Associate (In Progress)

Leadership & Campus Participation:

- Viterbi Career Ambassador - Support Viterbi Career office with student resume reviews, facilitate career events, website updates using Wordpress
- Learning Environments Tech at Information Technology Services - Provided technical support for audiovisual systems (Windows/Mac troubleshooting)