

# SUMITH PEVEKAR

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## EDUCATION

### University of Southern California (Viterbi School of Engineering)

Los Angeles, United States

Master of Science in Computer Science

August 2022-Present

- **Coursework:** Analysis of Algorithms, Database Systems, Web Technologies, Machine Learning, Security Systems, Information Retrieval and Web Search Engines.

### University of Mumbai (Vidyalankar Institute of Technology)

Mumbai, India

Bachelor of Engineering in Computer Engineering

June 2018-July 2022

- **Coursework:** AI and Soft Computing, Machine Learning, Database Management Systems, Data Mining, Computer Security and Networks, Data Structures, Object Oriented Programming, Natural Language Processing, Operating Systems.

## WORK EXPERIENCE

### Web Developer

April 2023-August 2023

USC Libraries

Los Angeles, United States

- Created a new User Interface and components for the USC Libraries websites using the full-stack RedwoodJs framework.
- Designed the frontend of the site and enhanced the website's aesthetics using Tailwind CSS.
- Populated and queried the database with plans to migrate to the major public cloud provider.

### Software Engineer Intern

June 2021-August 2021

Vidyalankar Institute

Mumbai, India

- Developed an "Applicant Eligibility System" with **97.5%** accuracy to anticipate job placement of candidates in a company.
- Incorporated a feature to predict the expected salary range of the candidate for a particular role in a company.
- Reduced the department's dependency on third-party software, thereby deducting the software expenses by **30%**.

### Software Developer Intern

December 2020-February 2021

Packbagbuddy

Ahmedabad, India

- Resolved critical bugs, reducing page load time by **40%** and increasing session duration by **25%**.
- Optimized database schema using Lucidchart, boosting website performance **30%**.
- Restructured and maintained the existing database using SQL and performed ETL activities using Data Loader.

### Software Developer Intern

March 2020-July 2020

Cloud Counselage

Mumbai, India

- Devised a chatbot for handling the queries of the customers of the company which reduced the company's expenses by **20%**.
- Implemented server-side architecture technique, leading to a **40%** decrease in chatbot response time.
- Created a RAID log document to help the company and future developers track risks, issues, and task dependencies in a project.

## PROJECTS

### Full Stack Event Search Website and Android Application

January 2023- May 2023

- Developed a seamless event search and discovery website using Angular, Node.js, Ticketmaster API, and Google Cloud Platform.
- Built an Android Application using Java, integrating with the backend structured on Node.js, enabling users to use on their mobile.

### E-Commerce Website using React.js, Node.js, and Firebase

December 2020- August 2022

- Constructed a full-stack web application with React as the frontend that allows the customers to do online shopping.
- Exploited Firebase for Authentication, Storage, Functions, and Hosting.

### Detection of Consumer Product Purchase Intent using Python, ML and NLP

January 2021-February 2022

- Built a model with **92.5%** accuracy to predict customer's purchase intention towards a product by analyzing the Twitter tweets.

## SKILLS AND INTERESTS

**Languages and Technologies:** Python, C, C++, C#, Java, PHP, Go, R, HTML, CSS, JavaScript, Typescript, Tailwind, SQL, TensorFlow, Keras, OpenCV, Node.js, Express.js, Hadoop, React.js, Flask, Angular.js, MongoDB, NumPy, Excel, .NET

**Tools:** Tableau, Git, Docker, GCP, AWS, Firebase, Visual Studio Code, PyCharm, IntelliJ, Burpsuite, Power BI, MS-Office, Android Studio

## INVOLVEMENT

- Viterbi Graduate Leader and Ambassador – Mentoring USC students | Organizing events for the Viterbi students.