

# CHINTAN SHAH

+1-(804)-554-7894 | shahchin@usc.edu | Los Angeles, CA  
[linkedin.com/in/chintanavs](https://www.linkedin.com/in/chintanavs) | [github.com/chintanavs](https://github.com/chintanavs) | [chintanavs.github.io](https://chintanavs.github.io)

## EDUCATION

University of Southern California, Los Angeles 2023(expected)

Masters of Science in Computer Science - GPA: 3.17/4

Relevant Coursework - Analysis of Algorithms, Database Systems, Web Technologies

Dwarkadas J. Sanghvi College of Engineering, University of Mumbai

Oct 2020

Bachelor of Engineering in Computer Engineering - CGPA: 9.33/10

Relevant Coursework - Data Structures, Software Engineering, Web Design, Operating Systems, Computer Graphics

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, C, C++, Javascript, Typescript **Database:** MySQL, ELK, PostgreSQL, MongoDB

**Libraries:** PyTorch, Pandas, OpenCV, NumPy, Keras, SciPy, NLTK

**Software/Tools:** Docker, Android Studio

**Development:** Django, PHP, HTML5, CSS, React.js, Node.js, Android

## WORK EXPERIENCE

Software Engineer Intern, C3.ai

May 2202-Present

- Designed and prototyped data models for Environment Sustainability Governance (ESG) application
- Developed a standard backend of the application and generated visualizations using Javascript and **TypeScript**
- Worked with Product & Data Science to specify product requirements to balance usability and engineering complexity.

Software Engineer, Vunet Systems

Aug 2020-May 2021

- Containerized and orchestrated the application with **Docker Swarm** thus achieving high availability and automation in application deployment
- Developed REST endpoints in **Django** and refactored the code to perform platform migration from Python2 to Python3
- Redesigned **Elasticsearch** functions for querying documents that helped in reducing the turnaround time by **35%**
- Designed microservices in **Python** and deployed them across VMs in a load-balanced manner using **Zookeeper**

Software Engineer Intern, Snobbox.com

Jun 2018-Sep 2018

- Designed and developed the front-end of the company's website using **React.js** and backend with **PHP**
- Implemented User Authentication using **OAuth** API and designed various test cases for user data security
- Incorporated advanced plugins like Zendesk chat and Mailchimp for the e-commerce website

## PROJECTS

**Placement Management System** (PHP, Mysql, Bootstrap, HTML5, CSS, Firebase, Google charts)

- Devised an end-to-end placement portal with **PHP** aiming to serve more than **1000** students per year utilizing google charts for an in-depth comparison of various metrics like growth potential and selection probability
- Implemented job recommendation by screening resumes of students with keyword analysis using **Yake**
- Integrated **Firebase** for cloud messaging and to generate real-time push notifications

**Ecommerce WebApp** (Node.js, Elasticsearch, Web Sockets, Faker API, Stripe, Passport.js)

- Built a web app with **Node.js** and incorporated **Faker API** for populating product description and their listings
- Implemented semantic analysis using **TextBlob** to help the purchase of the product by analyzing customer reviews
- Incorporated web-sockets for helpdesk chat, leveraging **Elasticsearch** as a datastore
- Integrated **Passport.js** for authentication through third-party apps and **Stripe** for the payment gateway

**Study Blog** (PHP, Javascript, HTML5, CSS3, Mysql, Google charts)

- Planned and implemented a web portal using **PHP** that posts study materials and courses
- Built chat threads using **Javascript** that served for conducting discussions and material sharing
- Deployed the app on **Heroku** and was used by **500** students which received feedback of 4.5/5

## EXTRACURRICULAR ACTIVITIES

- **Tutor:** Taught web design to **500+** computer aspirants and held discussions in a boot camp organized by eSkill India
- **Coding:** Contributed to an automated python script that helped people to book Covid-19 vaccine slots in India
- **Events Coordinator:** Organized an internship fair and several workshops for the college ACM student chapter