CHINTAN SHAH

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

EDUCATION

University of Southern California, Los Angeles   **May 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-Aug 2022**
- Designed and prototyped data models for Environment Social Governance (ESG) application.
- Developed a standard backend of the application and generated visualizations using Javascript and **TypeScript.**
- Collaborated across teams to define and build the ESG platform that balances 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

Stock App (Angular, Node.js, Typescript)
- Created API endpoints in Node.js to fetch data from Finnhub's RESTful API.
- Developed responsive web pages for smart devices using Bootstrap.
- Implemented search (with autosuggest), watchlists and an option to share news items on social media.

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. Leverage google charts for an in-depth comparison among candidates on 10+ metrics like selection probability.
- Implemented job recommendation by screening resumes of students with keyword analysis using **Yake.**
- Integrated **Firebase** for cloud messaging and generation of 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.

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.