

# Chinmay Khamkar

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## EDUCATION

### University of Southern California

Jan 2022–Dec 2023

- Masters of Science, Computer Science – **CGPA 3.52/4.0**  
Relevant Coursework: Algorithms, Introduction to Artificial Intelligence, Database Systems, Web Technologies.

### Dwarkadas J. Sanghvi College of Engineering, University of Mumbai, India

Aug 2017–May 2021

- Bachelor of Engineering in Computer Engineering – **CGPA 9.1/10**  
Relevant Coursework: Data Structures, Algorithms, Database Management Systems, Object Oriented Programming  
Methodology, Cloud Computing, Data Mining, Machine Learning, Natural Language Processing.

## TECHNICAL SKILLS

- Programming Languages:** JavaScript, TypeScript, C, C++, Python, Java, HTML/CSS
- Frameworks and Tools:** React JS, Node JS, Angular, Android Studio, Bootstrap, Express JS, AJAX, EJS, Keras, OpenCV, Unity, MongoDB, MySQL, GraphQL, Firebase, Hadoop, PuTTY, Heroku, GCP, AWS EC2, Netlify, Vercel, GIT.

## EXPERIENCE

### Software Development Intern (Student worker, Full-stack), USC Dornsife, Los Angeles

May 2022–Present

- Implement a daily activity tracking web app for a group of scientists with strength of 9k users.
- Deliver a responsive web app using Bootstrap with features such as create, edit, delete, and save activities.
- Design API endpoints to store and retrieve data from a NodeJS backend with remote SQL database and its integration with frontend via PuTTY.

### Software Development Engineer Intern (Full-stack), VelarHealth, Mumbai

Apr 2021–Oct 2021

- Developed frontend of a website including functions such as onboarding, search, appointment booking, API integration etc. for both user and CRM side.
- Performed bug fixes, code migration from HTML to EJS to optimize page speed by 15%, implemented a mailing system to notify the CRM team about various user activities.
- Automated script to convert all leads generated from JSON format to an EXCEL sheet to assist the CRM team and improved efficiency by 30%.

### Software Development Engineer Intern (Frontend), Exampil, Mumbai

Dec 2020–Mar 2021

- Built real-time quiz module for students reaching a user base of 10k+ users to take MCQ-based tests and check scores in comparison with other candidates via leaderboard.
- Integrated the API endpoints on frontend such as user authentication, join quiz, submit quiz, check leaderboard, provided by backend team.
- Delivered dashboard and analytics to keep track of test score and improved app traffic by 20%.

## PROJECTS

### Event Finder

- Engineered an Android application using Java and Android Studio to enable users to search and view details of various events, including concerts and sports events, by integrating the Ticketmaster API and Spotify API.
- Created a backend using Node JS and hosted it on AWS Elastic Beanstalk to enable the app to fetch data from the APIs and provide users with seamless access to events details, seat maps and Spotify artist albums.

### LoR manager | [Github](#)

- Architected web application with aim of assisting college professors and students to manage and keep track of LoRs (Letter of recommendation).
- Developed features including user authentication, CURD operations, reset JWT tokens for both teacher and student portal.

### Canteen Automation | [Github](#)

- Created a dashboard to enable online food ordering from University's canteen in collaboration with seven developers.
- Built an order queue, a menu list with React JS and integrated with backend leveraging Axios endpoints.

### Chrome Dino game using Deep Learning | [Github](#)

- Constructed famous chrome Dino game where user could control its actions by hand gestures.
- Designed deep learning model for certain type of hand gestures and achieved an accuracy of 88% and automated it with Pyautogui library.

## ACTIVITIES

- Mentored a group of 5 juniors for an open-source committee DJ UNICODE.
- Part of organizing committee for college fest to host technical events such as Robowars, RC racing, technical paper presentation etc.