

MITESH CHHATBAR

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EDUCATION

University of Southern California

May 2022-December 2023

Master of Science in Computer Science

GPA: 3.78/4.0

- **Coursework:** Database System & Analysis of Algorithm, Security Systems, Machine Learning, and Information Retrieval System

Gujarat Technological University

August 2017-July 2021

Bachelor of Engineering in Information Technology

GPA: 9.84/10

- **Coursework:** Software Engineering, Data Structure and Algorithm, Operating System, Web Technologies, Computer Networks

TECHNICAL SKILLS

- **Programming Languages & Databases:** Java, Python, PHP, JavaScript, TypeScript, Golang, C#, SQL, MongoDB
- **Frameworks/Tools:** Laravel, Flask, Django, GCP, Postman, Android, Git, Jira, BitBucket, Unity, Arduino, Entity Framework
- **Web Technologies:** React, Angular, Node JS, ExpressJS, REST, AJAX, JSON, Bootstrap, jQuery, HTML, CSS

WORK EXPERIENCE

Software Developer Intern (Golang, PostgreSQL)

May 2023-August 2023

NeuroLeap, San Jose, California

- Collaborated in backend development using Golang and MVC architecture by participating in code reviews and applying best practices to ensure high code efficiency and maintainability.
- Utilized PostgreSQL as database, optimizing data retrieval and storage processes, while showcasing strong problem-solving skills to deliver efficient solutions that contribute to project's overall success.

Software Developer (PHP, Laravel, SEO, Bootstrap)

September 2021-April 2022

Droid7 Technolabs, India

- Spearheaded with cross-functional teams, project managers, and designers to develop an SEO-driven dynamic sitemap generation script. This effort indexed over **100,000** website pages, leading to a **20%** increase in website traffic.
- Fixed bugs in admin panel's filter system and synthesized validation for posting reviews, contributing to web development by ensuring efficiency in website functioning and an improved user experience.
- Led system development and deployment of website's incentive, social, and community components, as well as compare-page, enhanced database infrastructure to ensure flawless support for these functionalities.

Software Developer (PHP, React, JavaScript, NodeJS)

January 2020-January 2022

Freelancer, India

- Collaborated closely with clients to provide tailored software development solutions aligned with specific business needs. Delivered projects sourced from platform freelancer.com and personal referrals.
- Devised user-friendly web applications by leveraging API expertise, information retrieval, application architectures, and software design knowledge. Seamlessly integrated APIs, employed agile methodologies, meeting deadlines, and ensuring customer satisfaction.
- Managed projects, communicated progress, and maintained technical documentation. Improved operations and software functionality with distribution system expertise, ensuring on-time project delivery and implementing automation solution.

ACADEMIC PROJECTS

Event Search (Node, Angular, Express, Bootstrap, Python, Android app: Java, GCP, APIs)

February 2023-April 2023

- Crafted event search functionality, integrating APIs (Ticketmaster, Google Maps, Spotify), and enabling users to book concerts.
- Empowered a personalized favorites list, allowing users to create a bucket list of favorite events. Also implemented comprehensive test cases to assure robustness and reliability of event search feature, covering various scenarios and edge cases.

Inventory Management System: CMS (Core PHP, Bootstrap, Ajax, jQuery)

January 2023-April 2023

- A system can manage stocks for business and generate dynamic invoice and can also view revenue and total earning in graph and table format. Backend Technology: PHP, Frontend Technology: Bootstrap, Ajax, JavaScript, CSS, HTML.

Custom Object Detector (PythonAnywhere, Python, Flask, Darknet, Bootstrap, Pandas, OpenCV)

March 2021-July 2021

- Collaborated OVID6 Google dataset for training, testing, and validation of custom object detectors with a proper mean absolute value by deploying a Flask app for detecting custom objects from any image, video, or real-time web camera.
- Trained model with help of Darknet framework. Achieved an average accuracy in video file object detection of approximately **86.93%**, whereas observed decent accuracy in image and real-time detection.

College Website (Object Oriented PHP, JavaScript, jQuery, Bootstrap)

January 2020-May 2020

- Executed development and production of a college website, employing object-oriented PHP, JavaScript, and jQuery to provide real-time updates, enhance performance, and streamline user experiences, all while managing time-sensitive database updates.

LEADERSHIP & INVOLVEMENT

- Secured 1st Rank in WebStorm event of GIT Tech fest - February 2020.
- Co-ordinated and organized a state level event Beat the Geek at Technospa-2019.
- Initiated and administered Code Club and Gate Club in college, 2019.
- Awarded the Mukhyamantri Yuva Swavalamban Yojana (MYSY) Scholarship that recognizes academic excellence (2017-2020).