

HITIKA HEMNANI

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EDUCATION

University Of Southern California, Los Angeles, California

Aug 2024-May 2026

Master of Science in Computer Science

Relevant coursework: Artificial Intelligence, Analysis of Algorithm, Advance Natural language processing

Vivekanand Education Society's Institute of Technology, Mumbai, India

June 2018-May 2022

Graduated with Bachelor of Engineering in Computer Science with *Distinction*

(CGPA 9.68/10)

Relevant coursework: Data Structures and Algorithms, Object-Oriented Programming, and Database Management Systems

TECHNICAL SKILLS

- Programming Languages: Java and Python | Software: AutoCAD.
- Web development: HTML, CSS, JavaScript, Git, and APIs
- Operating Systems: Microsoft's Windows and Linux.

PROFESSIONAL EXPERIENCE

LTI Mindtree, Mumbai, India

June 2022 - March 2024

Technology Consultant – SAP Business Unit

Colgate-Palmolive Project

- Customized and configured Employee Central modules, including data models, workflows, and reporting to align with Colgate's HR policies and global operational standards, streamlining HR processes across multiple regions.
- Configured and maintained Workflows, Business Rules, and Event Reasons, automating HR processes to significantly reduce manual intervention, leading to improved operational efficiency and reduced administrative workloads.
- Collaborated closely with Colgate's HR and IT teams, providing training and support to ensure successful user adoption and system maintenance post-rollout.

Qatalum Project (Qatar Aluminium)

- Facilitated seamless data migration by mapping fields from SAP templates to Employee Central Entity and conducting CPI testing, ensuring accurate data upload and system integration for Qatar's leading aluminium company.

BIC Corporate Project

- Analyzed and interpreted client needs, driving enhancements to the **SAP Performance and Goal Management** system, which significantly improved HR performance tracking and workforce management.

Trivia Software's, Thane, India

May 2021 - June 2021

Web Developer

- Constructed and crafted a robust web application using Django Framework integrating model, forms, and email-based authentication functions; deployed the project on pythonanywhere.com, culminating in the TODO app.
- Completed the entire project single-handedly and submitted the same one month before the stipulated time.

ACADEMIC PROJECTS AND PAPERS

Down syndrome Detector | Python, ML, SQL, and Django - [link](#)

- Developed a deep learning model utilizing DCNN (Deep Convolutional Neural Networks) to automatically detect Down Syndrome in newborns using facial recognition, achieving 79% accuracy in identifying distinct facial features associated with the condition.
- Designed and integrated support groups and discussion forums within the Down Syndrome detection platform, providing families with resources for nearby schools, hospitals, and NGOs, along with a space to connect and share experiences.

Bon Appétite – Online Cafeteria Management System | Python, JavaScript, HTML, SQL, Framework, and Django - [link](#)

- Developed a web-based canteen management system using Django and SQLite, automating food ordering, payment processing, and personalized recommendations based on user preferences through a machine learning-based content filtering model.

Fake News Detection | Python and News Data

- Led the development of a Fake News Detection System that trained a computer to distinguish between real and fake news using NLP techniques and algorithms such as Multinomial Naive Bayes and Passive Aggressive Classifier.

EXTRACURRICULAR ACTIVITIES

- Joined the VESIT's Computer Society of India (CSI) for 2019-2022 through which attended workshops and tech events.
- Received two gold and two silver badges from HackerRank (a market-leading technical assessment) on 17 June 2021 for CSS, Problem-Solving, and Python.
- Completed Software Engineering Virtual Experience course by JPMorgan Chase in August 2020, which included practical task modules in displaying data visually for traders using JPMorgan Chase frameworks and tools.
- Attended University PRAXIS'19 event and participated in Code Knights, Amazing Race, Sherlock and Watson, etc., which was organized by my committee called CSI 2019.
- Won the Best Class Award of 2019 by VESIT, Mumbai for winning in several technical games and puzzles.