

SHIVOHAM ANGAL

Los Angeles, CA

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EDUCATION

University of Southern California

Master of Science in Computer Science

Los Angeles, CA

Aug 2023 – May 2025

University of Mumbai

Bachelor of Engineering in Computer Engineering

CGPA: 9.16/10

Mumbai, India

Aug 2019 – May 2023

TECHNICAL SKILLS

- **Programming Languages:** Python, PHP, C++, C#, JavaScript, SQL, Java
- **Frameworks & Cloud:** CakePHP, React.js, Flask, AWS, GCP
- **Tools & Software:** Git, Docker, Firebase, Unity (2D/3D), Audacity
- **Soft Skills:** Critical Thinking, Public Speaking, Collaboration, Problem Solving, Time Management, Attention to Detail

WORK EXPERIENCE

Google Summer of Code (GSoC), Cuneiform Digital Library Initiative (CDLI)

Remote, United Kingdom

Full Stack Developer Intern / CakePHP, SQL, HTML, CSS

Jun 2022 - Sept 2022

- Developed a feature to export entity data in various formats including TXT, CSV, JSON, JSON-RDF, and TTL accompanied with a user-friendly interface to select desired export format.
- Designed and implemented a bulk update functionality that streamlined the process of updating artifact properties based on common ones.
- Enhanced the user experience for **100,000+** monthly users by excluding retired artifacts from search results having a total of **200,000+** entries, ensuring only relevant data was displayed along with a feature to allow users to mark artifacts as retired.
- Inculcated blogging skills (Link) alongside software development (Link) and adapted to Model-View-Controller (MVC) architecture.

VESIT Renaissance Cell

Mumbai, India

Web Development Intern / React.js, HTML, CSS

Jun 2021 - Jul 2021

- Created functionalities and components that allow users to seamlessly login, learn, and take quizzes.
- Enhanced learning by curation of thoughtful Vedic mathematics videos and including them on the website.

ACADEMIC PROJECTS

Gujarati Script Recognition for Tata Institute of Fundamental Research (TIFR) / Python

2023

- Devised a framework to generate a digital library of Gujarati newspapers by converting news articles to a textual format.
- Achieved enhanced text recognition by eliminating pictures from articles resulting in an accuracy of **90%**.

3D Platformer [Live Demo] / C#, Unity 3D

2023

- Developed a 3D platformer game using Unity having **6** levels, **10+** sound effects, textures, and a setup file.
- Implemented progress saving using PlayerPrefs, a high-score system, level unlocking, main menu, and a levels menu.

Discord Quiz Bot / Python

2021

- Built, tested, and deployed a discord bot for quizzes on assorted topics such as movies and trivia having a leaderboard of players in a server and a scoring system.

EXTRA-CURRICULAR AND COMMUNITY INVOLVEMENT

- Coordinated events at IEEE-VESIT during my sophomore year (2021), where I developed engaging activities, created original questions, and encouraged team participation.
- Conducted a concise talk on Google Summer of Code (GSoC) to a group of **50** juniors during Hacktoberfest by CodeCell VESIT 2022, demonstrating strong communication skills.
- Active volunteer for Friends and Neighbor's Day at University of Southern California.