

## Education

### California State University - San Marcos, United States

Aug 2021 - May 2023

Master's in Computer Science

Awards: Graduate Non-Resident Scholarship

Received in 2021

### Silver Oak College of Engineering & Technology, India

Aug 2015 - May 2019

Bachelor of Engineering in Computer Engineering

GPA: 3.7

Achievement: #Ranked 135<sup>th</sup>/6469

Received in 2019

## Skills

**Programming Languages:** - Python, Java, C, C#, JavaScript, SQL, HTML, CSS, SASS, XML, Tailwind

**Databases & Version Control:** - Acquia, MySQL, MongoDB, SQLite, Git, GitHub, Firebase, Bitbucket

**Miscellaneous:** Akamai, Jenkins, Postman, Chrome Dev Tools, Jira, Iris, Agile, Blaze meter, Cloudflare CDN, platform.sh

**CMS:** Drupal 7, Drupal 8, Joomla

**Tools:** Oculus Quest, Oculus Rift, Intel Real sense, Android Studio, Unity 3D, DDos Prevention tools, WireShark, HoneyPot, AirCrack

## Experience

### California State University - San Marcos, US

September 2021 – Present

#### Instructional & Information Technology Services – Student Assistant

- Performed troubleshooting and maintaining computer software configuration for campus technology
- Assist Professors and students with their queries related to Software configurations
- Kept myself updated every week with the new technical advances and new software changes

### Tata Consultancy Services (TCS), INDIA

January 2020 – August 2021

#### System Engineer

- Experienced work in Development team and Support Team to handle the deliverables
- Used to work with direct point of contact of product owners and collaborations with cross-functional teams
- Enhanced User Experience as per the client's requirements using canvas, Javascript, Python and CSS
- Used to optimize sites by 40% of its efficiency, Managed legacy sites and convert to the flatten sites with updated technical requirements. Maintained all the code base with version control systems
- Worked on various types of incidents related to sites in iris portal which includes P2 and P3 incidents
- Used to make the sites go live and pushing to the production, also handled the after-released support
- Participated in hackathons, completed certified training as per the project's requirements

## Academic & Industrial Projects

### Social Offense Analytics (JavaScript — Angular — TypeScript — MySQL)

- Designed web portal from where user reports account and platform, Maintains the database of frequent offenders
- Purpose of creating this portal is to make people aware about the frequent offenders in social media whether by seeing an annual report published or by manually checking the database

### Hill Climb Racers & Flappy Bird 3D (C# — Unity 3D — Android)

- Developed a 3D Mobile game for Android as well as iOS devices
- Game used motion sensors of the device

### Virtual Visiting Card (C# — Unity 3D — Augmented Reality — Android — Vuforia SDK — AR Core — AR Kit — AR Foundation)

- Developed an application which shows Realtime UI change whenever camera hover over a specific card
- Used Vuforia SDK for developing this application as per the client's needs and requirements
- Made the application focusing on the User Experience and User interface to make it work as smooth as possible

### Cement Factory Site Tour (C# — Unity 3D — Virtual Reality — Oculus Quest)

- Delivered the VR application made for oculus quest to educate about the company's equipment in a simulated environment
- Used Vuforia SDK for developing this application as per the client's needs and requirements

### Johnson & Johnson Pharma & Consumer Sites (Drupal — php — JavaScript — SASS — ReactJs — NodeJs)

- Used to create Pharma sector's websites at the time of covid-19 vaccine launch
- Developed with Content Management System (CMS) Drupal and pages with ReactJs and NodeJs for backend database connectivity
- Design pages as per the product owner's expectations

## Accomplishments & Certificates

- Certified C, C++ and Java SE Developer from NIIT India and ACT respectively
- Top 10 Runner Up project in International VR hackathon in Kochi, India
- Machine learning and Artificial Intelligence Enthusiast with Udemy and Coursera certified trainings

## Courses Taken in Master's

- Design Patterns and Object-Oriented Analysis, Data Communication and Computer Networks, Advanced Database Management Systems, Research Preparation in Computer Science, Deep Learning, Security concepts for devices

## Courses Taken in Undergrad

- Data Structures, Analysis and Design of Algorithms, Cyber Security and Compiler Design, Artificial Intelligence