

# Manjeet Naresh Khanna

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## EDUCATION

### Master of Science, Computer Science

May 2025

*California State University, Los Angeles*

### Bachelor of Engineering, Information Technology

May 2021

*Savitribai Phule Pune University*

## EXPERIENCE

### California State University - Los Angeles | *Student Technical Assistant*

October 2023

- Revamped web pages using JavaScript and Drupal, and built an automation system with Python, Plotly, and Excel to create schedules and data visualizations, reducing manual tasks for faculty by 40%.
- Supported 200 workstations, providing technical support and enhancing IT inventory processes by 15%.

### Accenture | *Custom Software Engineering Analyst*

August 2021 - July 2023

- Orchestrated manual processes to run on CI/CD Azure pipelines, resulting in delivery of automation on production servers for pipeline monitoring activities resulting in 90% reduction of manual efforts.
- Constructed SQL scripts for code optimization and business requirements resulting in 89% efficiency.
- Formulated data validation scripts and test cases with 95% efficiency, and curated tables and datasets in Google BigQuery, leading to a 54% improvement in managing big data.
- Documented technical solutions and workflows in JIRA Confluence, reducing developers' coding time by 48%.
- Employed Cloud Functions, Pub/Sub, Airflow, and Terraform to automate workflows, streamline operations, and boost efficiency in cloud environments by 20%.

### Pixaflip Technologies | *Web Developer Intern*

March 2020 - April 2020

- Designed and developed responsive websites using WordPress, HTML, and CSS, improving functionality and achieving up to 87% responsiveness.
- Integrated websites with databases, achieving 75% accuracy, and improved homepage navigation with buttons and links, resulting in a 64% increase in user interaction.

## PROJECTS

### Snippet Application | *NodeJS, VueJS, MongoDB, Thunder Client*

December 2023

- Built a full-stack application using Node.js, MongoDB, and Vue.js with a responsive UI. Implemented secure user authentication, including login, registration, and profile management, utilizing MongoDB for data storage and authorization.
- Tested APIs with Thunder Client to ensure robust communication and application stability.

### Smart Shopping Application | *Android Studio, ARway Platform, Unity Platform, Firebase*

March 2021

- Designed a smartphone application using Android Studio and Unity for augmented reality features, achieving 94% responsiveness, while implementing user authentication functionalities with 98% efficiency.
- Created a back-end database with Firebase to organize and store user history for analysis, achieving 86% efficiency.

## TECHNICAL SKILLS

**Languages:** Python, Java, C++, C, JavaScript, SQL

**Databases:** PostgreSQL, MySQL, MongoDB, Firestore, MongoDB

**Cloud & DevOps:** GCP, AWS, Microsoft Azure, Firebase, Azure DevOps, Docker, Kubernetes, Jenkins, Github

**Frameworks/Tools:** Node.js, Vue.js, React.js, VS Code, Jira, Git, Postman, Jupyter Notebook

**Data visualization:** Microsoft PowerBI, Tableau

## CERTIFICATIONS

**Amazon Web Services (AWS):** Cloud Practitioner(CLF-C02)

**Google Cloud Platform (GCP):** Associate Cloud Engineer(ACE)

**Microsoft Azure Fundamentals:** AZ-900