

# NIRALI MEHTA

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## EDUCATION

### Oregon State University

Corvallis, United States of America

Sep 2023 - March 2025

- Master of Engineering in Computer Science
- Coursework: Cloud Application Development, Parallel Programming, Computer Graphics, Algorithms, Software Program Analysis & Evaluation, Programming Languages in Haskell, Computer Architecture, Computer Animation.

### Jain University

Bengaluru, India

Aug 2016 - Jul 2020

- Bachelor of Technology in Information Science and Engineering
- Relevant Coursework: Cloud Technology, Data Mining, Discrete Mathematics, Database Management System, Data Structures, Java Fundamentals, Machine Learning, Object Oriented Programming.

## EXPERIENCE

### Oregon State University

Corvallis, United States of America

Feb 2024 – March 2025

#### Identity and Access Management Assistant

- **Identity Workflow Migration:** Helped in migrating identity workflows from TeamDynamix to ServiceNow, reducing manual processing and improving approval tracking.
- **Access Management:** Managed Banner access, verified user identities, ran SQL queries for permission updates, and automated provisioning using Python and APIs.
- **System Integration & Documentation:** Automated ONID account lifecycle management using Bash, PowerShell, and CLI, while maintaining IAM documentation.

### VersionX Innovations

Bengaluru, India

#### Software Developer

Jan 2021 - April 2023

- **Web Development and Data Management Expertise:** Enhanced, deployed, and customized a web tool to store client inquiries and generate daily reports, showcasing strong web development and data management proficiency.
- **Cybersecurity Implementation:** Demonstrated expertise in cybersecurity by considerably implementing security models for significant clients such as Amazon and Puma.
- **API Performance Enhancement:** Achieved a remarkable 30% increase in Application Programming Interface (API) response performance for web applications, a substantial increase in operational efficiency.
- **Database Integration with Angular:** Established and smoothly integrated a database using various Angular tools and techniques, including directives, services, templates, events, and injectors, optimizing data handling and user experiences.
- **Mentorship and Training:** Provided valuable mentorship to new team members and conducted comprehensive in-class training sessions on project-specific practices, fostering skill development and knowledge sharing.

### Kintu Designs Pvt. Ltd

Bengaluru, India

#### Technical Intern

Apr 2020 - Nov 2020

- **Website Development & User-Centric Enhancements:** Led website development for doctor specialization information dissemination and improved user experience through streamlined login procedures, seamless navigation, and data accessibility improvements.
- **Programming Expertise:** Utilized programming languages such as TypeScript to build scalable and efficient solutions and delivered optimizing code for performance improvements.

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, TypeScript, Python, Java, C, C++, SQL, PostgreSQL, HTML, CSS.

**Databases & Platforms:** MySQL, Firebase, MongoDB, Google Cloud Platform, Cloud Firestore, AWS,

**Frameworks & Tools:** Angular, Node.js, Flask, Kubernetes, Docker, REST API, Postman, Git, Eclipse, Bash and PowerShell Scripting, IAM, Microsoft Office.

## ACADEMIC PROJECTS

- **Subscription Management** Jan 2025 - Feb 2025  
Developed a web application using Angular and Firebase/MySQL to help users track subscriptions and manage expenses. Implemented Google authentication and interactive dashboards for spending insights.
- **AI Probe** Jan 2024 - Mar 2024  
Developed framework to assess the capabilities of intelligent agents in a particular environment. It enhances AI performance and safety in practical applications by creating instructions and evaluating agents' responsiveness using a custom fuzzer.
- **Exercise Tracker Application** Nov 2020 - Dec2020  
Developed a MERN Stack fitness app enabling user exercise monitoring, data storage, query filtering, and a user dashboard for activity management using MERN Stack.

## ACTIVITIES

**OSU App Club** - Member of BeavsAI, an AI chatbot assisting OSU students with course-specific questions.

**Computer Society of India** - A member of the CSI Jain University branch organizing committee.

**Frisbee** - Secured the 1st runner-up position in the Intra College Frisbee Competition organized by IISc Bengaluru.