

NIRALI MEHTA

niralimehta997@gmail.com | +1(206)-538-8185 | <https://www.linkedin.com/in/niralimehta01/>

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

- Spearheaded identity workflow migration from TeamDynamix to ServiceNow, reducing manual processing and improving approval tracking.
- Administered Banner access security, verified user identities, executed SQL queries for permission updates, and automated provisioning using Python and APIs.
- Engineered ONID account lifecycle management automation using Bash, PowerShell, and CLI, while maintaining comprehensive IAM documentation.

VersionX Innovations

Bengaluru, India

Jan 2021 - April 2023

Software Developer

- Designed and implemented a web tool to store client inquiries and generate daily reports, demonstrating strong web development and data management expertise.
- Architected and deployed robust security models for major clients including Amazon and Puma
- Optimized API response performance by 30% for web applications, substantially increasing operational efficiency.
- Established and integrated database systems using Angular tools including directives, services, templates, events, and injectors.
- Mentored new team members and facilitated comprehensive training sessions on project-specific practices.

Kintu Designs Pvt. Ltd

Bengaluru, India

Apr 2020 - Nov 2020

Technical Intern

- Pioneered website development for doctor specialization information dissemination
- Revamped user experience through streamlining login procedures, enhancing navigation flow, and improving data accessibility.
- Leveraged TypeScript to build scalable solutions and delivered optimized 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, Azure.

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

Engineered a web application using Angular and Firebase to help users track subscriptions and manage expenses. Implemented Google authentication and designed interactive dashboards for spending insights.

AI Probe

Jan 2024 - Mar 2024

Constructed a framework to assess intelligent agent capabilities. Enhanced AI performance and safety by developing custom instructions and creating an evaluation system using a specialized fuzzer.

Exercise Tracker Application

Nov 2020 - Dec 2020

Architected a MERN Stack fitness app enabling user exercise monitoring, facilitating data storage, implementing query filtering, and creating a user dashboard for activity management.

ACTIVITIES

Rewriting The Code - A Member of the RTC community, engaging in career development programs, networking with women in tech.

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.