

NIRALI MEHTA

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EDUCATION

Oregon State University

Corvallis, United States of America

- 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.

Sep 2023 - Mar 2025

Jain University

Bengaluru, India

- 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.

Aug 2016 - Jul 2020

EXPERIENCE

Oregon State University

Corvallis, United States of America

Identity and Access Management Assistant

Feb 2024 - Mar 2025

- Spearheaded identity workflow migration from TeamDynamix to ServiceNow, reducing manual processing time by 50% and improving approval tracking accuracy.
- Administered Banner access security for 200+ user accounts, executing precise SQL queries and automating provisioning using Python and APIs.
- Engineered ONID account lifecycle management automation using Bash, PowerShell, and CLI, streamlining identity management processes.

VersionX Innovations

Bengaluru, India

Software Developer

Jan 2021 - Apr 2023

- Optimized API response times by 30%, accelerating load performance across high-traffic platforms accessed by 1,000+ users.
- Built and implemented security models for enterprise clients including Amazon and Puma, mitigating data vulnerabilities and protecting critical digital infrastructure.
- Engineered a dynamic client inquiry dashboard managing 100+ daily submissions, shortening support turnaround time by 25% and reconfiguring data operations.
- Integrated modular Angular database systems with reusable components, elevating system performance and cutting development time by 20%.
- Delivered scalable solutions using UI components with TypeScript, boosting frontend performance and maintainability, upgrading overall system performance and code efficiency.
- Mentored 5+ junior team members, conducting comprehensive training sessions helped in accelerated team productivity.

Kintu Designs Pvt. Ltd

Bengaluru, India

Technical Intern

Apr 2020 - Nov 2020

- Developed website for doctor specialization platform, increasing information accessibility for 50+ medical professionals.
- Redesigned user experience by optimizing login procedures, reducing user authentication time by 25%.
- Crafted responsive web interfaces using HTML5, CSS3, Bootstrap, and JavaScript, delivering a mobile-friendly designs with improved user interactivity and seamless cross-browser compatibility.

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Python, Java, C, C++, SQL, PostgreSQL, HTML5, CSS3.

Databases & Platforms: MySQL, Firebase, MongoDB, Google Cloud Platform, Cloud Firestore, Azure.

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

ACADEMIC PROJECTS

Subscription Management

Jan 2025 - Feb 2025

Engineered a web application using Angular and Firebase for 20+ users to track subscriptions and manage expenses. Implemented secure Google authentication and designed interactive dashboards providing comprehensive spending insights.

AI Probe

Jan 2024 - Mar 2024

Constructed an advanced framework to assess intelligent agent capabilities, developing a specialized fuzzer which enhanced AI performance evaluation and safety protocols for machine learning systems.

Exercise Tracker Application

Nov 2020 - Dec 2020

Architected a MERN Stack fitness app supporting exercise monitoring, facilitating comprehensive data storage, advanced query filtering, and intuitive user dashboard 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 1st runner-up position in the Intra College Frisbee Competition organized by IISc Bengaluru.