

ZEEL TRIVEDI

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EDUCATION

California State University, Fullerton, Fullerton, USA

Master of Science, Computer Science (3.79 / 4.0)

Expected Graduation: December 2023

Gujarat Technological University, Ahmedabad, India

Bachelor of Technology, Computer Engineering

August 2020

TECHNICAL SKILLS

- Language & Framework: Java | Python | JavaScript | C++ | React.js | Express.js | SQL | HTML | CSS | Bootstrap | Android | jQuery | Agile Methodologies | Docker | Django | Java Spring Boot | Angular | Kubernetes
- Tools: Git, VS Code, Jira, MySQL Workbench, PowerBI, GitHub, Android Studio, MySQL, PostgreSQL, MongoDB

EXPERIENCE

California State University Fullerton

Fullerton, CA

Teaching Associate of Web Fronted Development, Database, OOP

August 2022 - Present

- Optimized tutoring for 150+ students, collaborated with Google's team for code review and debugging
- Engaged in Google Residence Program, gaining expertise in 5+ software and web development techniques with Google Employee
- Instructed 80 students in web front-end, database, and OOP concepts

California State University Fullerton

Fullerton, CA

Research Assistant

June 2023 - Present

- Led 60% progress in developing React Admin Dashboard App, using React.js front-end architecture
- Integrated React Router to boost navigation by 80%, utilized Chart.js/D3.js for 70% data visualization enhancement
- Collaborated to define requirements (80%), researched optimal design (75%), and developed user-friendly feedback form

California State University Fullerton

Fullerton, CA

Project Assistant ([GitHub](#))

April 2022 - December 2022

- Built Android app "Haemotracer" in Android Studio, aiding 100+ users during blood emergencies
- Created basic version with MySQL, API Keys, and Geolocation for 100+ users
- Developed Maps JavaScript API-enabled map for blood bank tracking for 8 blood groups through Collaborative Realtime Mapping with Firebase through Collaborative Realtime Mapping with Firebase

All in Motion IT Solutions

Vadodara, India

Software Developer

January 2021 - January 2022

- Identified inventory system improvements, resolving conflicts, achieving 95% customer satisfaction
- Streamlined processes, boosting ticket completion by 50% via Jira and dashboard
- Reduced load time 40% with modularized code, translating requirements into concise code
- Upgraded inventory system with Java, JavaScript, jQuery, CSS, XML, and React.js (72% success)

PROJECTS

Orange Blossom Website ([GitHub](#))

February 2022 - May 2022

- Accelerated web app by 30% using React.js and Express.js for online rare plant purchases
- Managed 20+ rare plant data, provided billing, and generated receipts via MySQL
- Enhanced user experience with JavaScript, CSS, HTML, Bootstrap, resulting in a 35% improvement

Savvy Traveler Algorithm ([GitHub](#))

January 2022 - April 2022

- Executed Floyd-Warshall Algorithm for reliable pathfinding from 10+ cities with Python
- Measured path with maximum probability between two cities of flight's arrival time
- Analyzed most reliable city through Floyd-Warshall algorithm modification in Python

Build a Slackbot from Scratch ([GitHub](#))

January 2020 - May 2020

- Engineered a Slack Age Calculator accurately count user's age based on current date with over 99%
- Integrated project with Slack API for seamless message handling (95% success)
- Crafted well-documented, maintainable code for readability (98%) and scalability (90%)

CERTIFICATIONS

- Oracle Certified Expert Java platform EE 6 web Component development Developer with 92 percent score
- AWS Training and Certification by Amazon Web Services
- Kubernetes and Docker for Developers – LinkedIn learning