

# URMIL TRIVEDI

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## EDUCATION

### Master of Science in Computer Science

Pace University, New York

Expected: May 2024

GPA: 3.8/4

### Bachelor of Engineering in Electronics and Communication

Gujarat Technological University, India

May 2022

GPA: 3.5/4

## TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, Python, C, C++, Typescript, SQL, shell
- **Technologies:** Django, React Js, Flutter, SPFx, Angular Js, Node Js, Express Js, Redux, Spring Boot, REST API
- **Tools:** VS Code, Github, Jira, Eclipse, Android Studio, Figma, Postman, Jenkins
- **Databases:** MySQL, Oracle, SQL Server, MongoDB, SQLite, Firebase

## WORK EXPERIENCE

### All IT Solutions, Mount Laurel, New Jersey

May 2023 – Sept 2023

Software Engineer Intern

- Crafted high performance web applications using Node.js, MongoDB, and React.js, leading to 40% improvement in response times, while ensuring seamless scalability.
- Streamlined RESTful APIs for CRUD operations on user-generated content, such as posts, comments, and likes, and utilized Redux for state management to ensure seamless data flow throughout the application, including developing reducers, actions, and selectors to manage the state and dispatch changes.
- Created and tested REST endpoints using POSTMAN for accurate API testing and validation, resulted in a 25% reduction in API bugs.
- Worked with AXIOS, promise based HTTP client for the browser and node.js for hitting REST endpoints and fetching data into the app leading to 20% reduction in data retrieval times.

### Beyon Data Solutions, Ahmedabad, India

Jan 2022 – Aug 2022

Software Developer

- Designed, tested, and customized Odoo (OpenERP) modules and applications
- Created a University management system using Python, PostgreSQL, and HTML5, JavaScript and CSS
- Implemented web-hook integration between the company's CRM and database to ensure seamless synchronization, resulted in a 25% increase in lead conversion rate and a 20% reduction in manual data entry

### Triyaza Healthcare, Ahmedabad, India

Aug 2021 – Dec 2021

Software Engineer Intern

- Built an employee management application to optimize workload across the enterprise
- Assembled the application using JDBC API, stored procedures, and Java Applets, resulting in saving 6+ hours of manual work per week
- Incorporated the Hibernate Framework optimizing Oracle Database to save user information and connection data, resulting in 30% increase in database performance
- Programmed the software to display statistical findings of the data as per the users' requirements using JFreeCharts

### Exposys Data Labs, Bangalore, India

April 2021-July 2021

Web Developer Intern

- Engineered and deployed a blogging e-commerce website using Django Framework, HTML, CSS, Bootstrap, and JQuery, and incorporated the DBsqlite database
- Investigated problems with web-based systems and updated website content and pages
- Applied statistical analysis methods such as regression, hypothesis testing, and A/B testing
- Led a team of 8 members as a to deliver software products incrementally and efficiently using Agile development methodologies

## ACADEMIC PROJECTS

### Wayfarer

- Built a responsive and scalable web application with features such as geolocation, data filtering, and search functionality, leveraging Google Maps API and Google Places API, to create a personalized and immersive travel experience for users, resulting in a 25% increase in user engagement and a 15% decrease in bounce rate
- Implemented advanced routing and navigation techniques, such as React Router, to create a seamless and intuitive user experience ,the Chatbot successfully reduced support requests by 50% and improved customer satisfaction by 28%
- Conceptualized APIs and web services like OpenWeatherMap and Yelp to fetch data and create powerful features, while also executing testing tools like Jest and Enzyme to ensure high code quality and prevent bugs and errors

### Order 24

- Integrated a multi-responsive website consisting of 6+ web pages including delivery, order tracking, and homepage in collaboration with a team of 3 members
- Spearheaded the development of a robust learning management system using Django (Python) framework, serving as both developer and SCRUM Master to lead a team of 5 members
- Managed an interactive multi-page website using HTML, CSS, Bootstrap, JavaScript, JQuery, Python, Django, and Sql for front-end, back-end, and database functionality, resulting in 15% increase in overall user satisfaction.