ZEEL PATEL

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EDUCATION

Northeastern University, Boston, MA — **GPA - 4**

Master of Science, Software Engineering Systems — **Sep 2023 - May 2025**

- Related Courses: Concepts of Object-Oriented Design, Data Science Engineering Methods, Database Management

Gujarat Technical University, Ahmedabad, IN — **GPA - 3.7**

Bachelor of Engineering, Computer Engineering — **Sep 2019 - July 2023**

- Related Courses: Computer Science, Object Oriented Programming, Machine Learning, Artificial Intelligence, Operating System, Computer Networks, Software Embedded System, Android Development

SKILLS & CERTIFICATES

- Programming Languages: Java, Python, JavaScript, C/C++, HTML5/SCSS, SQL, AWS
- Databases: PHP, MySQL, PostgreSQL, NoSQL, Oracle, MongoDB
- Platform: GitHub, Eclipse, Visual Studio, Postman, JIRA, Docker, GraphQL, PowerBI
- Certification: Spring-Boot Essential Training(Linkedin), Hibernate Framework(Linkedin)

EXPERIENCE

ORDEX TECHNOLOGY SOLUTION INC — **Gujarat,IN**

Software Developer Intern — **Feb 2023 - Jun 2023**

- Designed REST APIs and integrated front-end components to the back-end with developed APIs for data binding; used both Java Spring and Angular
- Actively participated with cross-functional partners to discuss project flow; reviewed peer code for debugging and improvements
- Modified traditional system flow to eliminate the redundant code which resulted in enhancement of 10% performance
- Achieved a 15% drop in support tickets, consistently completing 10 blocker tickets per week, enhancing client satisfaction

SOFTVAN PVT LTD. — **Gujarat,IN**

Full Stack Developer Intern — **May 2021 - Jun 2022**

- Spearheaded the development of a dynamic web application, employing Java, Spring Boot, and Hibernate for the backend
- Implemented responsive front-end interfaces using HTML, CSS, and JavaScript to enhance the overall user experience.
- Engineered RESTful APIs and AJAX to facilitate seamless communication between the frontend and backend components, ensuring efficient data flow.
- Demonstrated proficiency in designing and optimizing database schemas, contributing to efficient data storage and retrieval processes.

PROJECTS

LibraSys- Library Management System, Northeastern University — **Nov 2023 - Dec 2023**

- Led backend development efforts for a project, emphasizing proficiency in Java and the Spring Boot framework)
- Played a key role in designing and implementing robust RestAPIs that facilitated seamless communication between the React JS frontend and the backend
- Utilized Axios for efficient integration, ensuring smooth data flow and optimal user experience

Real-estate Price Prediction, Northeastern University — **Oct 2023 - Nov 2023**

- Developed a real estate price prediction model, using exploratory data analysis, Numpy, Pandas, Sklearn library to enhance the accuracy and reliability of property valuation predictions
- Demonstrated proficiency in data visualization using Python libraries such as Matplotlib and Seaborn to provide insightful insights into the dataset
- Implemented one-hot encoding for categorical variables and employed K-fold cross-validation, achieving an impressive 82% accuracy rate

Automated Payroll System, Ordex Technology Solution Inc — **Feb 2023 - Jun 2023**

- Explained and documented User Interfaces, resolving bugs, elevating client satisfaction by 20%
- Overhauled 'leave balance' calculations and 'customized wage' calculations for various type of employees
- Streamlined leave application process, reducing errors through Exception handling for data accuracy and Conflict resolution