

Neha Ambhore

+1512-618-9410 | ndambhore@gmail.com | <https://www.linkedin.com/in/neha1996/>

PROFESSIONAL EXPERIENCE

Texas State University, San Marcos, Tx

Spring 2023 - Present

Graduate Research Assistant

Nueva [Java, Android Studio, XML, SDKs, React Native, REST APIs]

- Spearheaded the development of a specialized meal delivery solution aimed at enhancing the lives of senior citizens, aligning with the user-friendly convenience of platforms like Doordash.
- Designed and constructed a resilient, scalable infrastructure to support the seamless delivery of meals to the senior population using Android Studio.
- Eager to leverage technological expertise and a passion for addressing real-world challenges to contribute positively to Nueva's mission.

eQ Technologic, Pune, INDIA.

Fall 2018 – Spring 2022

Software Engineer-II

- Played a pivotal role in diverse data migration and solution upgrade projects, contributing to the successful modernization of systems.
- Led the development of proof of concepts showcasing Digital thread/MBE and Data federation capabilities using the Data as a Service platform.
- Demonstrated exceptional technical prowess by automating tasks within the SAP application, significantly reducing end-user efforts.
- Gained proficiency in a range of technologies, including Java, J2EE technologies, SQL, JavaScript, HTML, Bootstrap, Teamcenter, SAP, and Mendix. Experienced in fine-tuning backend systems to achieve high-scale, low-latency performance.
- Proven track record in creating maintainable, testable code bases, including API design and unit testing techniques. Skilled in analyzing and optimizing UI and infrastructure code for efficiency.
- Engaged in customer interactions, shadowing technical leads during requirement gathering and actively contributing to iterative solution development.
- Skillfully participated in customer meetings, assisting in requirement gathering, and contributing to feature additions through iterative development. Dedication to crafting systems that prioritize exceptional user experiences.
- Demonstrated adaptability and effective communication during client interactions.

SKILLS

- **Programming Languages:** Java, C, Python.
- **Backend Technologies:** J2EE, Spring Framework (Spring Boot, Spring MVC, Spring Data), RESTful APIs, Multithreading
- **Automated Testing:** JUnit, Mockito.
- **Web Technologies:** JavaScript, Node.js, React, React Native, HTML, CSS.
- **Database Technologies:** MySQL, Oracle.
- **Version Control:** Git, SVN
- **Agile Methodologies:** SCRUM, Kanban
- **Build Tools:** Maven, Gradle
- **Collaboration Tools:** JIRA, Slack
- **Other:** Postman, Talend
- **Interests:** UI/UX Design, API Design, Android Development, API Development, Web Development

EDUCATION

- **Texas State University (MS in Computer Science) – 3.71/4 CGPA** **Fall 2022-Current**
Coursework – Survey of Software Engineering, Formal Methods in Software Engineering, Networks and Communications, Algorithm Design and Analysis, Database Theory and Design, Software Quality, ML in Pattern Recognition, Advanced Human Factors in CS, Formal Languages, Distributed Computing.
- **College of Engineering Pune, University of Pune (BTech IT)** **Fall 2014 - Spring 2018**
Coursework – Data Structures, Object-Oriented Programming, System Programming and Operating System, Artificial Intelligence, Algorithms and Complexity, Cloud and Big Platform, Human Computer Interaction

ACADEMIC PROJECTS

TuneStream [Oracle] **Spring 2023**

- Developed and executed the TuneStream project, a relational database system optimized for efficiently managing music catalogs and user accounts within a music streaming service.
- Designed a comprehensive database schema encompassing tables for organizing music metadata (songs, albums, artists, genres), as well as user account management and playlist organization.
- Implemented complex query support for effective music metadata retrieval, user playlist curation, and listening history maintenance.

Travel Easy Website [Java, MySQL, Spring Boot, React, JavaScript, HTML, CSS] **Fall 2022**

- Designed and constructed a flexible system to book a flight and hotel.
- Led the development of hotel booking functionality where users can search the hotel based on location, reserve the hotel, and can give the reviews as well.

Sentiment Analysis on IMDB movie reviews **Spring 2018**

- Constructed deep learning model for sentiment classification problem of 50K+ IMDB movie reviews with increased 14% efficiency over traditional ML algorithms.
- Presented research on sentiment analysis using various deep learning techniques on an IMDB movie review dataset.
- Developed a system to detect sarcastic reviews which often lead to poor sentimental analysis along with deep learning models like CNNs and LSTMs.

Pizza Store Management System [Java, Mysql, Spring, Maven, JavaScript, HTML, CSS] **Fall 2016**

- Developed an admin UI and Customer UI based computerized system to automate business and manage functionalities for a pizza store.
- Integrated the online portal for customized pizza order and secure payment system along with a normalized oracle database to store pizza details, customer details, and generated bills.

Android App for University [Java, Android studio, SDKs, XML] **Spring 2016**

- Created a real time college application using AppWrap ShepHertz cloud platform.
- Developed an Android app consists of guest UI and student UI and accordingly provides different services like functionalities like notices, upcoming events, campus festival, departments information.

CERTIFICATES

- Design And Analysis of Algorithms - NPTEL.
- Fundamentals of Java - Seed Academy, Pune.
- Introduction to Web Development - Coursera.