

Rutuja Ghogare

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Education

Northeastern University | *MS in Information Systems* | **Boston, MA** **Expected Dec 2023**
Relevant courses: Application Engineering and Development, Database Management and Database Design, UI/UX design, Web Design, Agile Software Development, Programming Structures and Algorithms

University of Pune - Bachelor of Engineering in Computer Engineering **Aug 2018 – Sept 2021**
Relevant Courses: Object Oriented Programming, Web Development, Software Engineering, Advanced Data Structures

Technical Skills

Programming Languages: Python, Java, C++, C, Java Swing, R, PHP
Frontend Technologies: HTML, CSS, SCSS, Tailwind CSS, ReactJs, NextJs, JQuery, JSON, JavaScript, TypeScript, Bootstrap, Redux
Backend & Databases: NodeJS, REST API, MySQL, PL/SQL, MongoDB
Tools & UI: GIT, JIRA, Selenium, Figma, Android Studio, VS code, Adobe Illustrator, Balsamiq, Moqups, Axure RP
Cloud Technologies: S3, EC2, SQS, SNS, CloudWatch, Terraform, Ansible
Certificates: Google Cloud Core Infrastructure, Foundations of User Experience Design, Artificial Intelligence, Java

Professional Experience

Frontend Developer Intern at Perennial Systems | **Pune, India** **May 2020 – July 2020**

- Contributed to the development of two responsive, dynamic e-commerce websites using JavaScript, CSS, and HTML, enhancing user experience, and increasing website traffic by 25%
- Collaborated closely with a cross-functional team of designers and back-end developers to ensure seamless integration of user interfaces and efficient data flow, resulting in a 15% reduction in page load times
- Actively participated with the UX design team to create wireframes and prototypes, ensuring seamless user flows, and iterating on design feedback to deliver an intuitive and visually appealing interface
- Proactively attended weekly React workshops, integrating new knowledge to implement interactive features like carousels and product filters, leading to a 20% increase in user engagement
- Designed and optimized mobile-first layouts for the e-commerce websites, ensuring a smooth user experience across various devices and contributing to a 10% increase in mobile conversions

Academic Projects

Trader Joe's | MERN Stack **Jan 2023 – April 2023**

- Developed a full-stack web application for Trader Joe's using the MERN stack, resulting in a 30% improvement in website scalability
- Designed responsive front-end interface with React and styled components, with 15% faster page loads and better user experience
- Utilized Redux for efficient state management, resulting in 40% increased application responsiveness and improved user interactions
- Built a secure RESTful API with Node.js, Express, and MongoDB, ensuring seamless data handling and integration, leading to 70% faster data retrieval and processing.

Redesign for Apartments.com | Figma **Sept 2022 – Dec 2022**

- Redesigned Apartments.com, enhancing usability and visual appeal, resulting in a 20% increase in user engagement
- Incorporated filtering by 75% based on customized search experience, which led to 45% increase in successful property matches
- Implemented a Live Chat Bot feature, which effectively reduced customer support response time by 50% and significantly improved customer satisfaction by 60%
- Created 25+ smooth transitions within web pages, delivering seamless user experiences through logical interactions

Twitter Like Website (Twitter Clone) | HTML, CSS, Python, Django **Oct 2022 – Dec 2022**

- Developed a Full Stack website like Twitter, users can make 100+ posts, like posts, edit posts, delete posts, follow, and unfollow users
- Integrated a server-side page where admin can manage all the users with 90% accuracy of the website using Django
- Designed a user-friendly interface using HTML5, CSS3 and Bootstrap

Health Services | Java, Java Swing, MySQL **Jan 2022 – May 2022**

- Demonstrated a comprehensive Full stack application using Java and the DBO4 database, aiming to seamlessly connect patients with hospitals and their services within the Health Plus Service platform
- Established 50+ healthcare services in the Hospital Management System, providing a comprehensive solution for healthcare providers
- Enhanced security by implementing API functionality for sending verification emails, ensuring secure communication with patients

Health Insurance Management System | Oracle-PLSQL **Feb 2022-May 2022**

- Demonstrated an efficient Insurance Management System using Oracle PL_SQL and MySQL Workbench, reducing data processing time by 30%
- Utilized PL-SQL components (Triggers, Functions, Views, and Stored Procedures) to simplify and visualize complex insurance information, improving data accessibility by 50%
- Implemented CRUD operations and calculated fields, streamlining patient history and hospital bill management process by 65%

Design And Implementation of Lawyer- Client Communication Application | Java, XML, PHP

- Deployed an Android application specially for Lawyers as well as clients with a user-friendly user interface as a single point solution for communication. Administered the data by using MySQL database at the back end by implementing data encryption techniques
- Administered Encryption techniques for the verification of documents uploaded by the client so that they could be viewed with 95% security by the Lawyer, created a live chat option only when the Lawyer approves his client requests