

Netra Awate

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Frontend Engineer - with 3.5 years of full-time experience

EDUCATION

Northeastern University, Boston, MA

Sep 2021 - Dec 2023

Master of Science Information Systems

Savitribai Phule Pune University, Pune, India

Aug 2014 - Jul 2018

Bachelor of Engineering, Electronics and Telecommunication

TECHNICAL SKILLS

Programming Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, Java

Database Technologies: Oracle SQL, MySQL, MongoDB

Frameworks and Tools: React, Redux, Node.js, Express, RESTful API, Jest, jQuery, AJAX, Git, Jira

PROFESSIONAL EXPERIENCE

Frontend Engineer Intern - Spruce, New York, NY

May 2022 – Dec 2022

- **Revamped** and developed **responsive user Interfaces** of Spruce's web app to align with high fidelity Figma designs using **Styled Component** library integrated within **React** leading to 30% decrease in development timeframe.
- **Built** complex forms with dynamic rendering and **schema validations** using **Formik** and **Yup** resulting in 15% reduction in user input errors, elevating the web application's usability.
- **Developed** dynamic **dashboard data feeds** using **Redux**, **jQuery**, **AJAX** by consuming 3 API endpoints for real-time status updates of activities, tasks, and processes of Spruce's escrow page.
- **Achieved** over **80% code coverage** by following **Test Driven Development (TDD)** for **Unit testing** using **Jest library**.
- **Collaborated** with Product Manager, Backend Engineer and UX designers through all phases of **software development life cycle** (SDLC) by following **Agile Scrum** methodology from initial planning to release.
- **Contributed** to **CI/CD** deployments using **Git** Version Control Systems for standardized development workflow.
- **Debugged issues** using browser debugger to enhance the application performance and eliminate repetitive issues by 40%.

Software Engineer - Larsen & Toubro Infotech Limited, Pune, India

Nov 2018 - Aug 2021

- **Developed Storybook Component library** with 15+ **reusable** and type safe **React components** with **TypeScript** for legacy Ruby project as a part of code migration reducing 25% run-time errors and improved developer experience.
- **Implemented local storage, caching** mechanism reducing the number of **HTTP** requests and efficient layout rendering.
- **Improved** page performance by 25% by incorporating **Redux** and **React Hooks** to efficiently manage application state.
- **Integrated** and documented **Fetch library** to consume **RESTful APIs** and parse data into manageable chunks for form submission and DOM manipulation, efficiently helping 4 teams in consuming API.
- **Leveraged asynchronous programming** techniques in **Node.js** by implementing Promises and Event Emitters effectively eliminating callback loops and ensuring clean, readable code.
- **Implemented** authentication and authorization security configuration using **Node.js** and **JWT** resulting in a 20% reduction in login/logout latency for end users.
- **Mentored** and **conducted code reviews** for juniors of the team adhering to best practices, improving code quality.

PROJECTS

Movie recommendation web application: MongoDB, Express, React, Node, HTML, CSS

Oct 2023 - Dec 2023

- **Built RESTful APIs** using **Node** and **Express** to perform CRUD operations on Movie and User entities within MongoDB.
- **Demonstrated MVC** web practices, **asynchrony**, **JWT** authentication and performance optimization strategies.

Mobile music application Figma prototype - JukeBox: Figma, UI/ UX principles

Feb 2023- Apr 2023

- Designed 15 **high-fidelity** interactive **prototypes** and user flows in **Figma** adhering to standard **UI/UX principles**.
- Incorporated **accessibility** practices to ensure compliance with **WCAG** guidelines for inclusive app design.

Database design model for co-working spaces: MySQL

Oct 2022 - Dec 2022

- **Designed database schema** for Customer, Owner, and Rental posting entities with user access roles for model integrity.
- **Implemented stored procedures, functions, triggers**, and 5 unique **views** to perform operations in the system.