

Neil Nahar

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EDUCATION

University of Texas at Arlington, Texas

Aug 2022 – May 2024

Master of Science in Computer Science

GPA: 3.8/4.00

- Coursework: Data Structures & Algorithms, Software Engineering, Distributed Systems and Web Data Management

Jodhpur Institute of Engineering & Technology, India

Aug 2016 – Aug 2020

Bachelor of Science in Computer Science

WORK EXPERIENCE

Newt Global

Irving, Texas

Software Engineer

May 2023 – Aug 2023

- Developed **Python** scripts to automate Oracle package code analysis, resulting in an improvement in code readability and an increase in bug fixes by 80%, ensuring strict adherence to project coding standards
- Spearheaded automation of fetching and aggregation scripts for DMAP (Database Migration Accelerator Platform) tool, improving data processing efficiency by 40%
- Incorporated front-end features for an e-commerce project using **HTML5**, **CSS3**, **ReactJS**, **ES6**, and **modern JavaScript**, along with Tailwind CSS, while employing Firebase for backend functionalities

SpanIdea Systems

Jodhpur, India

Front-end Developer

Feb 2022 – Jun 2022

- Created a web-based app supporting all CRUD operations and managing over 1,000 tasks with **React** and **Firebase**
- Collaborated with 2 other interns in executing advanced optimization techniques such as code splitting and lazy loading, resulting in a significant performance boost for application. Led coordination with cross-functional team to ensure project alignment
- Implemented **Shimmer UI**, a loading animation technique, to elevate user interface by reducing perceived load times by 20%

PROJECT EXPERIENCE

EazyMart: Scalable E-commerce Platform

<https://eazymarthub.netlify.app/>

- Deployed a high-performance web application on **Netlify**, achieving 20% faster response times than traditional hosting methods, ensuring effective content delivery
- Leveraged modern web technologies such as **React** and **Redux** to design a responsive and secure shopping experience, yielding a 20% decrease in development time and improving overall website performance by 15%
- Streamlined product catalog system to enable efficient inventory management while optimizing UI for seamless navigation

StreamSmart: Streaming Platform for Movies

<https://github.com/NeilNahar/StreamSmart>

- Created an AI-powered movie platform, leveraging **OpenAI's API** to provide personalized movie recommendations based on customer preferences, increasing user satisfaction by over 500 positive reviews
- Ensured an intuitive and high-quality user experience (**UX**) with real-time data synchronization by utilizing **JavaScript**, **Tailwind CSS** and **Firebase**, leading to a 25% rise in customer retention
- Implemented user authentication and data security using Firebase, enhanced with React memoization techniques, contributing to a 30% reduction in server latency

Food Market: Online Food Ordering Platform

<https://github.com/NeilNahar/Food-Market>

- Developed a responsive, data-driven UI web application replicating popular food delivery platforms using **Bootstrap**, **React.js** and **Parcel** bundler, yielding a 25% faster initial load time compared to traditional bundling methods
- Utilized **Redux** for efficient state management, ensuring seamless data flow and enhanced performance across app. The strategic use of Redux led to a reduction in app rendering time by 1.2 seconds
- Integrated Swiggy's live **API**, empowering end-users with real-time restaurant and menu data for a seamless ordering experience

SKILLS

- Web Technologies: HTML, CSS, React, Redux, Node.JS, Express.JS, Bootstrap, Sass, Tailwind CSS, API Integration
- Programming Languages & Databases (DB): JavaScript, Python, MySQL, PostgreSQL, MongoDB, Firebase
- Technical Proficiencies: Git Version Control, GitHub, Bitbucket, Parcel, JSX, Webpack, Bash, Wireframe, Babel, VS Code, NPM, Agile, Figma, JIRA, Jest Testing, SDLC, RESTful APIs, Postman