

Nadeem Ashraf

Software Engineer

Experienced developer with **3 years** of expertise in **JavaScript, TypeScript**, and practical experience in **Python**. Proficient in frameworks, such as **React JS, Next JS** and **Express**, *web technologies, architectural design*, and delivering high-quality software. Skilled in *technical leadership* and best engineering practices.

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PROFESSIONAL EXPERIENCE

Client Solutions Advisor - Engineering Associate AVRL

03/2024 - Present Seattle, USA. (REMOTE)

Manual Business Automation via RPAs

Achievements/Tasks

- Working directly with several clients to provide them tailored solutions, enhancing profitability and efficiency.
- Optimized deployed RPAs, **achieving 12% - 15% faster API response time thus** reducing processing time by **6% - 7%**.
- Working closely with the Senior Engineers to build Internal and Customer Facing tools and product, by following best practices using technologies such as **React** and also *Vanilla JS in some cases*.

Software Developer AVRL

09/2021 - 03/2024 Seattle, USA. (REMOTE)

Manual Business Automation via RPAs

Achievements/Tasks

- **Delivered over 40 RPAs**, following best practices, resulting in customer savings of **6 to 14 hours** of manual work daily.
- Worked on improving product development workflow by **building internal libraries, standardizing RPA Templates** and it's associated functions including Webhook Notifications.
- **Solely Developed internal tools** using JavaScript, such as the Tree Approvals System, **currently utilized by multiple teams**.
- **Working on Company's Design System** and **Solely designed the company's product** following the UI UX Design Principals using Figma and **collaborated with Senior Developers** to implement various features **using JavaScript, HTML, and CSS**.

EDUCATION

Bachelor of Technology University of Lucknow

05/2017 - 06/2021

Lucknow, India

Intermediate

City Montessori School, Kanpur Road Branch

2016

Lucknow, India

SKILLS

TypeScript & JavaScript

Python

HTML CSS

React JS & Next JS

Node JS & Express JS

TailwindCSS

Redux Toolkit

Github

PostgreSQL

MongoDB

PERSONAL DEVELOPMENT

CodeRTC - TypeScript

- **CodeRTC** is a real-time code collaboration platform designed for learning and having fun with friends. Built entirely from scratch, it offers seamless collaboration in real-time. MVP at the moment as the build is still in process.
- **Backend:** Tries to follow *The Clean Architecture principles as closely as possible*, featuring *authentication via HTTP Only JWT Cookies* for enhanced security. Data is handled through *PostgreSQL*, with *caching implemented using Redis* and a *Queue System* for improved performance. Real-time capabilities via *Web Sockets* using *Socket.io*.
- **Frontend:** Follows a clean folder structure and is built entirely with *React*. Utilizes patterns such as *Higher Order Components* to ensure *Separation of Concerns and Single Responsibility Principle*, enhancing code reusability. *Implements performance optimization techniques like Debouncing and Throttling, where ever needed*, along with *Client-Side Caching via LocalStorage* for improved user experience.

MISCELLANEOUS

Collaborations

Learnt about the Open Source Ecosystem, including its purpose, management, and the dos and the don'ts by getting a PR merged to a production grade repository, offering insights into production-ready applications.

Voluntary Pixel Art Apprenticeship

Served as an Apprentice in the Art Team of Pokémon fan game which helped me gain valuable insights into Pixel Art creation and the collaborative dynamics within a game development team.