

Yash Sawlani



Software Developer

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Bangalore

Summary

Self-taught, enthusiastic technical professional with the ability to quickly learn and adapt to new skills. I have **expertise in Frontend** design & development and have worked on backend development as well. Passionate about new emerging technologies and software practices.

Work Experience

Dell EMC

Dec 2021 - present

Software Engineer 1

- Improved performance up to 3x by implementing various caching and scaling techniques using the latest React Best Practices and Libraries.
- Used my extensive experience with frontend development to **define the project structure and components**, making sure they are reusable.
- Responsible for developing/maintaining and scaling a Data Analytics web app with a large dataset accessed by users across the globe.
- Worked with data engineers across teams to **optimize SQL queries and API calls** for web apps.
- Discussed project progress with stakeholders, collected feedback on different stages, and directly addressed concerns.
- Supported users on their raised tickets and provided bug fixes for the same.

Infosys LTD

Dec 2018 - Mar 2021

Systems Engineer

2 years

- Got trained in Fundamentals of Programming, OOP Architecture, Python, SQL, JavaScript, UI principles, SDLC Principles, and SAP HANA.
- Worked on transitioning a legacy client portal codebase using JQuery to a cloud-ready ERP system.
- Handled preparation of technical documentation.
- Communicated between technical and functional teams regarding developments, sprints, and roadmaps.
- Worked in an agile team and provided end-to-end support to clients.

Technical expertise

React	<div></div>
HTML	<div></div>
CSS/SCSS	<div></div>
JavaScript	<div></div>
NodeJS	<div></div>

Skills / Exposure

Python	SQL	CI/CD	Material UI
Progressive Web Apps	MongoDB		
Algorithms	Data Structures	AWS	
TypeScript	Next.js	Docker	
Kubernetes	jQuery	Redux	
Firebase			

Methodology/Approach

Component based architecture	
Agile methodology	Design Patterns
Test Driven Development	MVC

Tools

Git	VS Code	Webpack	Eclipse
Vite			

Education

Bachelor of Engineering - Mechanical	
Gujarat Technological University	May 2015-May 2018

Key Projects / Involvements

- Refactored a React App** with React Query, Debouncing, and other optimizing methods to reduce the number of API calls to the Database hence **reducing operational costs and required computation**.
- Refactored a data-heavy React App from Class based architecture to Functional Reusable Component architecture.
- Implemented **Test Driven Development** by bringing in Jest Testing Library for Unit Tests and stress testing using NeoLoad.
- Built and maintained CI/CD pipeline** on Gitlab for the deployed web apps.
- Used Material UI extensively for building out components of multiple React Apps
- Implemented **Data Visualization using ChartJS** resulting in increased user traction.
- Received appreciation for client interactions and presentation skills.
- Built and Hosted a Responsive personal portfolio** website. **Optimized performance & load speed** by using various techniques and benchmarking the improvements using Google PageSpeed. www.ysawlani.com

Certificates and Awards

- React, Redux and GraphQL
- Docker and Kubernetes
- AWS Fundamentals: Going Cloud-Native
- UI Design
- SQL for Data Science
- Web Development Bootcamp
- Algorithmic Toolbox.