

Dhaivat Desai

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EDUCATION

MSc, Advanced Software Engineering | Kings College London, United Kingdom

Sept 2022 – Sept 2023

Pass with Merit | Coursework: Security Management, Software Measurement and Testing, Security Engineering, Human- Computer Interaction

B.Tech, Information Technology | Nirma University, Ahmedabad, India

August 2017 – June 2020

CGPA: 7.53/10.0 | Coursework: Operating System, Advanced Database, Software Engineering, Big Data Analytics

TECHNICAL SKILLS

Languages & Frameworks: JavaScript, TypeScript, React, Next.js, Angular, Tailwind, Vue.js, Bootstrap, C#, .NET core.

Performance & Optimization: Webpack, Service Workers, Virtual DOM, Lazy Loading, CDN Caching, Core Web Vitals.

Tools & Testing: Redux, Jest, Storybook, CI/CD (Jenkins, GitHub Actions), Chrome DevTools, Git, Agile, Docker, Azure.

Backend/Databases: Node.js, Express, Postgre SQL, MongoDB, RESTful APIs, SQL Server, Swagger/OpenAPI, Postman

WORK EXPERIENCE

CloudOffis Technologies - GIFT City, India | Tech Consultant

Feb 2025 - Present

- Developed a new tool in WOPI using Yeoman, React and Tailwind CSS reducing the document processing time by 30%
- Built a reusable **UI component library** and integrated it into multiple applications, improving UI consistency and development speed.
- Collaborated with backend developers on .NET Core middleware integration and assisted in designing RESTful APIs and business logic flow.
- Contributed to API documentation and testing using Swagger and Postman.

Bank of America - GIFT City, India | Software Engineer IB

July 2020 – July 2022

- Developed and optimized React and Angular-based UI components using Functional Programming, improving UI performance by 40%.
- Ensured cross-browser compatibility & accessibility (WCAG) compliance.
- Debugged complex UI performance issues using Chrome DevTools and React Profiler, leading to a 25% faster UI response time.

Dev Information Technology Pvt Ltd - Ahmedabad, India | Frontend Intern

Jn 2020 – May 2020

- Developed **Angular 8** web applications, integrating responsive layouts and API handling.
- Built a modular UI component library using **Storybook**, improving design consistency across projects.
- Improved application performance by implementing **lazy loading** and **virtual scrolling techniques**.

First Walkin Technologies -Bengaluru, India | Summer Intern

May 2019 – July 2019

- Integrated **Jest for API automation testing**, reducing bug reports by **30%** and improving overall software stability.
- Developed a UI prototype for the **Cafe Coffee Day (CCD) app**, ensuring smooth **UI/UX interactions**.
- Conducted API performance testing and optimizations, reducing load times by **25%**.

PROJECTS

Perfect UML Editor | React, TypeScript, MS Office, Tailwind CSS

- Developed a high-performance React-based UML diagram editor with Redux-based state management for seamless interactions.
- Enhanced UI/UX with Framer Motion & GSAP animations.
- Integrated Microsoft Office API, enabling UML diagram creation in Word & Excel, improving user workflow by 50%.
- Optimized rendering performance using Virtual DOM diffing, reducing UI latency by 40%.

SkyScope - Weather App | Angular, TypeScript, OpenWeather API

- Developed a real-time weather forecast app, implementing lazy loading & caching.
- Developed **PWA with offline access**, ensuring a seamless experience on mobile.
- Implemented **smooth animations and transitions** using Framer Motion and GSAP, enhancing UI engagement.

DevConnect - Developer Networking Platform | React, TypeScript, Next.js, Tailwind CSS, Node.js, Express, MongoDB

- Implemented a real-time chat and collaboration feature using WebSockets and Redux for state management.
- Created user profiles for showcasing GitHub projects and tech stacks.