UPENDRA NIKUM | Front-End Developer

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SUMMARY

Front-End developer with a passion for creating engaging and user-friendly web experiences. Skilled in HTML5, CSS3, JavaScript, and React, with a focus on responsive design and cross-browser compatibility. Strong understanding of OOP, functional programming, microservice patterns, and cloud deployment. Developed a web application using semantic coding practices that increased user engagement by 30%. An effective team collaborator, committed to writing clean, maintainable code based on design documentation. Capable of building scalable and resilient application, with results such as improving page load times by 20%.

SKILLS

Languages & Frameworks: JavaScript, HTML5, CSS3, Node.js, Express.js, React.js, Next.js

• **Databases**: MySQL, MongoDB, Mongoose.

• **Tools & Technologies**: Git, GitHub, Docker, Jenkins, AWS, Postman, Heroku, RESTful APIs.

• **Soft Skills**: Problem-solving, Teamwork, Effective Communication, Agile Methodologies.

EXPERIENCE

Front-End Developer Intern.

J.P. Morgan Software Engineering Virtual Experience on Forage.   **May 2024 - July 2024,   Mumbai, Maharashtra.**

- • **Engineered** clean and maintainable **HTML**, **CSS**, and **JavaScript** code from design documentation, reducing **technical debt** by **20%**.
- • **Collaborated** with **UX/UI design teams** to improve **checkout flow**; increased **conversion rates** by **20%**.
- • **Optimized** front-end performance by reducing **page load time** by **35%** through **image optimization** and **CDN integration**, boosting **SEO rankings** and **user retention**.
- • **Integrated RESTful APIs** and **WebSockets** for **real-time data communication**, improving **data sync speed** by **50%**.
- • **Secured** application by following **OWASP principles** and implementing **CORS**, reducing **vulnerabilities** by **15%**.
- • **Architected Microservices** and deployed applications in **cloud environments** using **AWS services**, improving **scalability** by **40%** and ensuring **99.9% uptime**.

PROJECTS

Fast Pizza Go.

Lead Front-End Developer • pizza-order-app14.netlify.app/ • April 2024 - April 2024

- • **Utilized React's component-based architecture** to create a **responsive UI**, increasing **customer engagement** by **25%** and reducing **bounce rate** by **5%**.
- • **Implemented state management** with **Redux**, reducing **component re-renders** by **20%**.
- • **Leveraged React hooks** (**useState**, **useEffect**) to streamline **state management** and enhance **performance** by **25%**.
- • **Designed** custom hooks for **reusable logic**, promoting **code reusability** and reducing **boilerplate code**, improving **development efficiency** by **20%**.
- • **Integrated Geolocation API** for **real-time delivery tracking**, enhancing **transparency** and boosting **customer trust** by **30%**.
- • **Documented** the development process and **user guides**, reducing **onboarding time** for contributors by **30%**.

The Mapify Workout Tracker

Lead Front-End Developer • mpty14.netlify.app/ • March 2024 - March 2024

- • **Created** responsive and interactive **web applications** using **JavaScript**, **HTML**, **CSS**, and **Leaflet API**, increasing **user engagement** by **73%**.
- • **Developed** asynchronous **JavaScript** with **promises**, **closures**, and **ES6 features**, optimizing **DOM manipulation** and reducing **response times** by **30%**.
- • **Streamlined** development processes by implementing tools like **Webpack**, **Babel**, **Yarn**, **NPM**, **ESLint**, and **Prettier**, cutting **build times** by **25%**.
- • **Followed** software development principles like **product architecture**, **version control (Git)**, and **test-driven development (TDD)**, boosting **code quality** by **20%**.
- • **Conducted unit tests** using **Jest** and **Enzyme**, achieving **95% code coverage** and enhancing **reliability**.

The Atomic Blog

Lead Front-End Developer • react-blog-app14.netlify.app/ • February 2024 - February 2024

- • **Built** a **single-page application (SPA)** with **React** and **React Router**, enhancing **speed** and **performance** by **50%** over the previous version.
- • **Crafted** a robust **front-end architecture** and optimized **code performance**, reducing **page load time** by **45 seconds** through **semantic coding**.
- • **Managed** state with **React Context API**, improving **data handling** and reducing **component re-renders** by **20%**.
- • **Created error handling** with **React Error Boundaries** and implemented **debugging tools** using **React DevTools**, reducing reported **errors** by **30%**.
- • **Executed** tasks in a **SCRUM environment**, adhering to **Agile methodologies**, leading to a **10%** increase in **project delivery speed.**

EDUCATION

Post Graduate Diploma in Advanced Computing (PG-DAC)

The Centre for Development of Advanced Computing (C-DAC) is a scientific society of the Ministry of Electronics and Information Technology (MeitY) in India.

- • Mumbai, Maharashtra • 2023
  - • **Coursework:** Data Structures & Algorithms, Object-oriented Programming, Operating Systems, Database Management, Software Development Lifecycle (SDLC), Project Management, Software Architecture.

Bachelor of Engineering (BE)

Savitribai Phule Pune University • Pune, Maharashtra • 2021

INVOLVEMENT

HackerRank, Workshops, Online Courses and Certifications

- • **Completed over 100 coding challenges** on **HackerRank**, focusing on **algorithms**, **data structures**, and **functional programming**.
- • **Attended 5+ workshops**, gaining insights into **web development best practices** and networking with **industry professionals**.
- • **Completed Generative AI with Large Language Models Course** (Coursera, **2024**), **IBM Full Stack Developer Certificate** (Coursera, **2024**)