



Vartika Tiwari

FRONTEND DEVELOPER

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SKILLS

HTML5
JavaScript
Redux
React
NextJS
Tailwind CSS
AWS
Bootstrap
GraphQL

PROFILE

I am great at translating your wire-frames and mock ups into functional UIs. I have developed 114+ projects from idealization to development. I am good at testing. I deliver on time, with minimum scope for revisions and I communicate well. Let's talk.

TECHNICAL PROFILE

Frontend: HTML5, CSS3, JavaScript, Flexbox, Fluid Grids, CSS Effects & Animations, Background Effects, Image Optimization
CSS Frameworks: Foundation - Skeleton - Material-UI - React Bootstrap - Semantic UI React - Ant Design - Blueprint - Tailwind CSS - DaisyUI
Node JS | JavaScript | ES6 | ECMAScript 6 | TypeScript
ReactJS: React - Redux - Custom Hooks - JSX - Styled Components - Cross-Site Scripting Prevention - React Profiler - Lighthouse - Render Performance Improvements - ESLint
Testing: Jest - React Testing Library - Circle - Mocha - Chai - Cypress IO - Enzyme - Benchmarks.JS - jsPerf
CSS Pre-Processors: SASS | LESS | SCSS
Cache Boosting - Load Balancing - Lazy Loading - Web-Pack Bundle Analyzer
User Experience (UX) : Figma | Sketch | Inkscape
RESTful APIs Debugging & Code Reviews
CircleCI - Cypress - GitHub - Bitbucket
Web Design: Illustrator | Photoshop | InDesign | CorelDraw | Inkscape
Webpack / Yarn / NPM / Bash / Postman
Dev Ops: AWS | Azure | GCP | Firebase | Firestore
AWS: S3 Bucket, EC2, Lambda, Cognito, Amplify, Amazon SNS, CloudFront, VPC, VPN, Route53, AWS CLI
Web Application Security Layer: CloudFront, Cloudflare, Azure CDN
Domain Setup, Hosting, Maintenance, SSL Certificate Configuration

EMPLOYMENT HISTORY

Web Developer at Freelancer, Remote

March 2023 — May 2023

Fintech Project

- Built web application with an intake form, personal finance dashboard, simple calculator, and auto-generated printed form
- Integrated Plaid APIs to extract transaction data such as assets, liabilities, and monthly expenses
- Integrated AWS Textract to extract certain income and tax data

- Developed scalable and secure app using AWS managed services such as Lambda and AWS S3

React Developer & Designer at Freelancer, Remote

March 2023 — May 2023

Local Food Delivery App

Designed **mock-ups and wire frames** for the entire user flow Incorporated "Add to cart" functionality, shopping cart functionality, and product filtering to enhance the user experience.

Designed and Implemented responsive UI layouts for product pages, cart, checkout pages and contact pages using **Bootstrap, React, Redux, Custom Hooks & REST API**.

Used **Geolocation Calls** in ReactJS to display a curated list of local restaurants while providing **real-time delivery tracking** for both riders and customers

Deployed the application built leveraging AWS Amplify, AWS Cognito, S3 bucket, EC2 instance, and CloudFront for optimal **performance** and **scalability** while ensuring the **security** and **reliability** of the application infrastructure.

Front End Developer at BNewton, Delhi

November 2018 — March 2023

Worked with an educational startup focused on one-to-one mentoring programs for niche clientele from UAE, Australia, UK & Germany. They offer one-to-one personalized **AI-based** online courses to users based on their different learning styles by using machine learning algorithms to change course material in real time based on the way learners respond to it.

- Collaboratively designed and developed an intuitive and responsive user interface for a learning style evaluation tool, utilizing cutting-edge technologies including **React Context, Next.js** and **GraphQL** to streamline UX paired with high-performance functionality.
- Designed and implemented a Customer-Facing Dashboard, displaying Real-Time Data using **Next.js** as the framework, **Tailwind CSS** for styling, **Custom Hooks** for optimized functionality, and **JWT Authentication** for secure user access to deliver a highly performant dashboard, providing clear and actionable insights for customers.
- Added functionality for the instructors to developer presentations with photographs, videos, and sound clips with customization using **GraphQL**.
- Used React-Router to turn application into Single Page Applications
- Used **Middleware, Redux-Promise** in application to retrieve data from Python Back-End and to perform RESTUL services
- Optimized student portal home page load times by 52% through the use of caching and minification techniques
- Developed unit tests to ensure code integrity and reduce the number of bugs found in production using JEST & CircleCI
- Hosted the application on AWS EC2, storing images in S3 buckets, implemented load balancing and auto scaling to ensure high availability and efficient resource utilization.

Front End Developer at Freelancing

January 2014 — February 2018

- Developed a responsive website that is optimized for both desktop and mobile devices, increasing user engagement by 36%
- Implemented many single-page application using React and Redux that improved overall performance and usability
- Utilized HTMLX, CSSX, and JavaScript to create a dynamic, interactive user interface that improved user experience
- Created reusable components to reduce code duplication and ease future maintenance
- Implemented authentication and authorization using JWT tokens

EDUCATION

Bachelor of Technology at Motilal Nehru National Institute Of Technology

July 2008 — April 2012

