Vigyansh Chugh

Front-End Developer
Building sleek, scalable, and responsive user experiences

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🪪 Professional Summary

Front-End Developer with **2+ years** of experience building **modern, responsive, and user-centric** web applications. Currently working at VSS Technologies in Sydney, where I am actively involved in the development and maintenance of the **BrainTree Coaching website** ↗ using **React.js**, **Next.js**, and **Tailwind CSS**. I specialize in **clean UI/UX, performance optimization, and writing scalable, maintainable code**. Alongside my professional work, I am finalizing a **personal portfolio website** built with **React**, **Next.js**, **Tailwind CSS**, **Formspree**, and **Framer Motion**, showcasing my ability to combine technical skills with creativity. I also have experience with **PHP** for backend development and am currently learning **WordPress**, **Elementor**, **Shopify**, and **Shopify's Liquid templating language** to expand into CMS and e-commerce development.

I hold a **Master's in Information Technology** from the University of Wollongong and am passionate about working with teams that value design, innovation, and performance.

🧠 Technical Skills

Languages
HTML5, CSS3, JavaScript (ES6+), TypeScript

Frameworks & Libraries
React.js, Next.js, Tailwind CSS, Framer Motion

Styling & UI
Responsive Design, UI/UX Implementation

Design Tools
Figma, Adobe XD

CMS & E-commerce Platforms
Basic familiarity with WordPress, Elementor, Shopify

Templating Languages
Learning Shopify's Liquid templating language

Performance Optimization
Lazy loading, Code splitting, Server-Side Rendering (SSR), Lighthouse audits

Version Control and Deployment
Git, GitHub, Vercel, Netlify

State Management
Redux, Context API

Testing
Jest, React Testing Library

Project Management Tools
JIRA, Confluence

Soft Skills
Problem-Solving, Attention to detail, Communication, Collaboration, Adaptability, Time Management, Creativity.

💼 Professional Experience

Full Stack Developer, *VSS Technologies Pvt. Ltd.*   02/2025 – Present | Sydney, Australia

- Developed the **BrainTree Coaching Website** ↗ from scratch using **React, Next.js and Tailwind CSS**.
- Built reusable **Ul components, implemented SSR** and **lazy loading**, resulting in a **30% improvement** in performance.
- Collaborated with designers and stakeholders to ensure **100% mobile responsiveness** and **SEO compliance.**

- Created interactive dashboards, increasing user engagement by **25%.**
- Conducted **unit testing**, improving code reliability and reducing post-deployment bugs by **20%**.
- Worked in an **Agile team environment**, participating in **sprint planning**, daily **stand-ups**, and **retrospectives.**

📂 Projects

Personal Portfolio Website ↗   present

Tech Stack: React.js, Next.js, Tailwind CSS, Framer Motion, Formspree

- Designed and developed a **fully responsive** and **performant personal portfolio** to showcase professional experience, technical skills, and projects.
- Implemented **smooth page transitions**, staggered **animations**, and scroll-based **effects** using **Framer Motion** to **enhance user engagement**.
- Emphasized **SEO** best practices, **accessibility**, and **performance optimization** (lazy loading, SSR, Lighthouse checks).
- **Implemented dynamic routing** with Next.js and structured the codebase using **modular components** and **mobile-first principles** for **scalability** and **maintainability**.

QR Code-Based Attendance System

- Developed a **QR-based automated attendance tracking system**, replacing manual check-ins and improving data accuracy by **5%** through automation and error minimization.
- Tech Stack: **PHP** (backend), **JavaScript, HTML, CSS** (frontend), **MySQL** (database).
- Designed and deployed a secure, **location-validated** attendance system that reduced fraudulent check-ins by **35%** and restricted access to registered students only.
- Deployed the system on **Microsoft Azure**, optimizing database performance for **99.5% uptime**.

Eats Nearby – Food Ordering App

- Designed and developed a **full-stack food ordering system**, handling **frontend development** mainly**.**
- Tech Stack: **HTML, CSS, JavaScript**(frontend).
- Created and optimized **RESTful APIs**, reducing data retrieval latency by **30%**.
- Improved order processing efficiency by **10%** through **UI/UX enhancements** and database query optimization.

🎓 Education

Master of Information Technology,   12/2024
University of Wollongong, NSW

Bachelor of Technology (Information Technology),   04/2017
Global College of Technology, Jaipur

📜 Certifications

AWS Certified Cloud Practitioner ↗
Issued by: Amazon Web Services Training and Certification
Issued on: January 08, 2025

AWS Academy Graduate - AWS Academy Cloud Foundations ↗
Issued by: Amazon Web Services Training and Certification
Issued on: December 30, 2024