

# Vigyansh Chugh

## Front-End Developer

Building sleek, scalable, and responsive user experiences

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## Professional Summary

Front-End Developer with 3+ years of experience building fast, responsive, and user-centric web applications using **React.js**, **Next.js**, and **Tailwind CSS**. At VSS Technologies, led the development of the **BrainTree Coaching platform** [🔗](#), improving page **performance by 30%** through **server-side rendering (SSR)**, **lazy loading**, and **modular architecture**. Improved code reliability by **20%** via **unit testing** and **CI/CD workflows**. Adept at translating Figma designs into pixel-perfect interfaces and collaborating in Agile teams. Alongside my professional work, I designed and developed a fully responsive personal **portfolio website** [🔗](#) using **React**, **Next.js**, **Tailwind CSS**, and **Framer Motion**, showcasing smooth animations, performance tuning, and accessibility best practices. Passionate about **clean UI/UX**, **performance optimization**, and delivering real-world impact through front-end technology.

## Technical Skills

### Languages

HTML5, CSS3, JavaScript (ES6+), TypeScript

### Frameworks & Libraries

React.js, Next.js, Node.js, Tailwind CSS, Framer Motion

### Styling & UI

Responsive Design, UI/UX Implementation

### Design Tools

Figma, Adobe XD

### Performance Optimization

Lazy loading, Code splitting, Server-Side Rendering (SSR), Lighthouse Audits

### DevOps & Cloud

AWS, Familiar with Docker & Kubernetes

### 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.

### Authentication & Security

Familiar with OAuth2, OIDC, Auth0

## Professional Experience

### Full Stack Developer, VSS Technologies Pvt. Ltd.

01/2025 – Present | Sydney, Australia

- Developed and launched the **BrainTree Coaching** [🔗](#) platform from scratch using **React.js**, **Next.js**, and **Tailwind CSS**, improving overall site performance by **30%** through **server-side rendering (SSR)**, **lazy loading**, and optimized asset delivery.
- Translated designs from **Figma** into responsive, pixel-perfect user interfaces across desktop and mobile, ensuring **100% mobile responsiveness** and adherence to **SEO** and **accessibility best practices**.
- Built and maintained **reusable, scalable UI components**, speeding up development cycles and reducing design inconsistencies across the app.

- Collaborated closely with cross-functional teams (design, QA, and backend) in an **Agile environment**, contributing to sprint planning, daily stand-ups, and retrospectives to meet tight delivery deadlines.
- Implemented **unit testing** with **Jest** and **React Testing Library**, helping reduce post-deployment bugs by **20%** and improving code confidence during feature rollouts.
- Integrated deployment pipelines with **GitHub** and **Vercel**, streamlining the CI/CD process and enabling faster, safer releases.

## Projects

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**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


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

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

## Certifications

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**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