

# Vivek Modiya

Ahmedabad, Gujarat, India | +91 7874930639  
[vivekmodiya@gmail.com](mailto:vivekmodiya@gmail.com) | [github](#)

## SUMMARY

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Results-driven Frontend Developer skilled in building scalable web applications using React, TypeScript, and Node.js. Experienced in creating intuitive UIs, optimising performance, and integrating APIs. Strong in problem-solving, debugging, and team collaboration.

## EXPERIENCE

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### Frontend Engineer II

*IQM Corporation*

June 2023 – Present

*Ahmedabad, Gujarat*

- Developed and improved multiple enterprise modules in the IQM DSP platform—enabling users to seamlessly create and manage advertising campaigns with integrated creatives, audiences, and inventories—while ensuring high performance, usability, and a consistent user experience.
- Implemented dynamic PDF generation with interactive visual components by integrating Chart.js, React, and TypeScript, and automated runtime PDF rendering using Playwright—resulting in a streamlined end-to-end generation pipeline and faster, more consistent report creation.
- Re-architected the email system by developing a reusable UI component library for rich email templates and a service to convert React-based templates into dynamic HTML, improving email template creation productivity and scalability by 2000%.
- Built a full-stack recruitment portal using React, Remix, Go, and MySQL, implementing end-to-end applicant workflows and multi-level user access for both applicants and admins, streamlining the hiring process.

### Frontend Intern

*IQM Corporation*

January 2023 – June 2023

*Ahmedabad, Gujarat*

- Developed an automated documentation generation system for the React component library with live, editable code examples using React, TypeDoc, MDX, and CodeMirror.
- Redesigned and refactored the company website using Sanity CMS, implementing a scalable content management system and achieving a significant SEO score improvement from 40% to 95%.

## SKILLS

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**Frontend Technologies:** React, JavaScript, TypeScript, HTML5, CSS3, SASS, Next.js, Responsive Design

**Frameworks & Build Tools:** Vite, Webpack, Bundlers Architecture & Plugins, Component Libraries

**State Management:** Redux, Zustand, Context API, React Query

**Development Tools:** Git, Bitbucket, VS Code, Postman, Jira, DBeaver, Code Reviews

**Databases & Cloud:** SQL, PostgreSQL, AWS Lambda, AWS Console, Performance Optimisation

**Backend Technologies:** Node.js, Express.js, RESTful APIs, Microservices, Golang, Networks

## PROJECTS

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**3d Chess** | *React, Three.js, Typescript, Socket.io, Node.js*

- Built an interactive 3D chess game using Three.js with a custom chess engine, move validation, and real-time multiplayer support via Socket.IO. [Link](#)

**Server Types Suggester** | *Typescript, VSCode Extension, Node.js, PostgreSQL*

- Developed a system that allows developers to define request and response schemas for API endpoints, enabling dynamic type safety checks and real-time client-side validation of API integrations.

**Personal Portfolio** | *Next.js, Tailwind CSS, Typescript, Three.js, WebGL, Rapier*

- Designed and developed a personal portfolio with immersive 3D animations and physics simulations using Three.js, Cannon.js, and GSAP, delivering smooth and interactive WebGL experiences across devices. [Link](#)

## EDUCATION

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**Bachelor of Technology in Information and Communication Technology**

*Adani University*

July 2019 – June 2023

*Ahmedabad, Gujarat*

- GPA: 8.2/10
- Relevant Coursework: Data Structures, Algorithms, Web Development, Database Systems, Software Engineering

## ACHIEVEMENTS & AWARDS

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**Innovator of the Year:** Recognised for outstanding performance and innovative problem-solving, driving impactful solutions and improvements at IQM Corporation (2024)

**Active Competitive Programmer:** Regular participant on Codeforces and CodeChef platforms, demonstrating strong algorithmic and data structure proficiency