

# Vipul Rohit

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## Education

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### National Institute of Technology, Surat

*Bachelor of Technology in Electronics and Communication Engineering*

Surat, Gujarat

*June 2023 – Present*

### Don Bosco High School

*Class 12, Science*

Vadodara, Gujarat

*June 2022 – April 2023*

### Saint Basil School , Jambuva

*Class 10*

Vadodara, Gujarat

*June 2020 – April 2021*

## Projects

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### Duolingo Clone

June 2020 { Present

- Engineered a dynamic language-learning platform inspired by Duolingo's design and engagement tactics, employing Next.js, React, Tailwind CSS, and TypeScript to ensure responsiveness and modern web development standards.
- Implemented engaging user experiences with interactive lessons, quizzes, and gamification, showcasing expertise in UI/UX design and user-centered development to boost engagement.
- Crafted engaging experiences with interactivity, showcasing UI/UX expertise for enhanced engagement. Leveraged MongoDB for scalable data management, ensuring personalized tracking and seamless user experiences.
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### Ecommerce Application

- Led the development of a complete e-commerce solution utilizing Next.js 13 App Router, React, Tailwind CSS, Prisma, and MySQL, creating separate admin and customer interfaces for a comprehensive user experience.
- Designed and implemented an efficient admin portal enabling seamless management of product listings, inventory, and order tracking, demonstrating proficiency in building secure and user-friendly administrative interfaces.
- Engineered a customer-centric online store with intuitive product browsing, shopping cart functionality, and secure checkout processes, showcasing expertise in e-commerce design and front-end development.

### Leetcode Clone

- Developed a scalable LeetCode clone using React, Next.js, TypeScript, Tailwind CSS, and Firebase. Implemented advanced features like real-time collaboration and code execution, focusing on code quality and performance optimization.
- Designed a robust architecture leveraging Next.js for server-side rendering, Firebase for secure authentication and real-time database management, and TypeScript for enhanced type safety and code reliability.
- Created a responsive, visually appealing UI using Tailwind CSS and optimized performance through efficient component rendering, code splitting, and lazy loading techniques.

## Technical Skills

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**Languages:** JavaScript/TypeScript, Python, C/C++, HTML, CSS

**Frameworks:** React, Next.js, Express.js, shadcn ui

**Developer Tools:** Git/GitHub, Tailwind CSS, Prisma, Stripe, Vercel, Node.js

**Libraries:** MongoDB, MySQL