

Nehal Mukeshbhai Chauhan

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Summary

Computer Science & Engineering student with expertise in full-stack development using React, Next.js, Node.js, MongoDB, and Redis. currently growing expertise in Android development with Java and manual QA testing. Experienced in developing web applications, performing test case execution, bug reporting, and UI/UX validation. Detail-oriented problem-solver with a passion for technology and continuous learning.

Technical Skills

Languages: JavaScript, Java, HTML5, CSS, SQL
Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, Tailwind CSS
Developer Tools: Git, GitHub, Android Studio, MongoDB, Redis, TiDB, Firebase
Testing & Security: Manual QA Testing, API Testing, Aircrack, JWT Authentication
Other: Cloudinary, Responsive Design, AR Lens Development

Education

Parul University <i>B.Tech. in Computer Science & Engineering</i>	2022 – 2025 CGPA: 7.40/10.0
Shree K.J. Polytechnic, Bharuch <i>Diploma in Computer Engineering</i>	2019 – 2022 CGPA: 7.84/10.0
S.V.E.M.(G.M.) School <i>10th Grade, GSEB</i>	2019 Percentage: 61.83%

Experience

Encoraa ESG <i>Jr. Android Developer</i> <ul style="list-style-type: none">Developing and maintaining native Android applications using Java and Android Studio	June 2025 – Present
Encoraa ESG <i>Academic Trainee Engineer-Internship</i> <ul style="list-style-type: none">Developed full-stack web applications using React, Node.js, Express, MySQL, Redis, and Next.jsPerformed alpha testing and manual QA testing, including bug reporting and test case executionValidated UI/UX for web applications, ensuring high-quality user experiences	November 2024 – May 2025

Projects

Personal Portfolio Website <i>HTML, CSS, JavaScript, Three.js</i> <ul style="list-style-type: none">Developed a responsive portfolio featuring interactive 3D models with Three.js and model-viewerImplemented AR support, interactive camera controls, and zoom functionalityIntegrated Animate on Scroll (AOS) for smooth animations and an email contact form system	Link <i>Personal Project</i>
Secure Social Authentication Platform <i>Next.js, TypeScript, NextAuth, TiDB, Redis, Tailwind CSS</i> <ul style="list-style-type: none">Built a full-stack authentication system with OAuth integration for Google, Facebook, and TwitterConfigured distributed SQL storage with TiDB for user data and Redis for session cachingImplemented JWT validation, protected routes, and user profile management with sub-200ms latency	GitHub <i>Web Application</i>
Invoice Management System <i>React.js, Node.js, Express.js, JWT, Cloudinary, TiDB</i> <ul style="list-style-type: none">Developed a secure invoice management platform with JWT authentication and protected routesIntegrated Cloudinary for document image uploads and implemented PDF generation functionalityCreated a dashboard with rich text editor for creating, editing, and saving invoice documents	Link <i>Web Application</i>

Stock Market Analytics Dashboard

React.js, Node.js, Express.js, ApexCharts, REST API

GitHub
Web Application

- Built a real-time NSE stock market dashboard with live price tracking.
- Integrated NSE APIs for real-time and historical data visualization through candlestick.

Watch Live Sports Online

HTML5, CSS, JavaScript, Firebase

Link
Web Application

- Created a dynamic web application for streaming live sports with embedded video player support
- Implemented Picture-in-Picture mode and responsive design for cross-device compatibility

Extra-Curricular Activities

Augmented Reality Lens Creation: Developed and implemented Snapchat Lenses

Personal Interests & Hobbies

Sports Enthusiast: Drawing inspiration and resilience from cricket, football, tennis, F1 racing, and kabaddi

Technology Exploration: Continuously learning and exploring emerging technologies, including augmented reality and ethical hacking

Certifications

Accenture Nordics - Developer Job Simulation

AWS Educate Introduction to Cloud 101 - Credential

Python Essentials 1 - Credential

Introduction to Cybersecurity - Credential

The Agnirva Space Internship Program

Achievements

- Selected for the alpha testing program for the X (formerly Twitter) Lite application
- Developed a Snapchat Lens with over 137+ million views
- Created reusable HTML/CSS UI components for UIverse.io with 37,000+ Views. [Profile](#)

Languages

Gujarati,Hindi,English