

# Nehal Mukeshbhai Chauhan

+91-9913161524 | cnehal194@gmail.com | linkedin.com/in/nehal-chauhan19 | github.com/mRcOo17 | nehalchauhanportfolio.vercel.app

## 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

B.Tech. in Computer Science & Engineering

2022 – 2025

CGPA: 7.40/10.0

### Shree K.J. Polytechnic, Bharuch

Diploma in Computer Engineering

2019 – 2022

CGPA: 7.84/10.0

### S.V.E.M.(G.M.) School

10<sup>th</sup> Grade, GSEB

2019

Percentage: 61.83%

## Experience

### Encoraa ESG

June 2025 – Present

Jr. Android Developer

- Developing and maintaining native Android applications using Java and Android Studio

### Encoraa ESG

November 2024 – May 2025

Academic Trainee Engineer-Internship

- Developed full-stack web applications using React, Node.js, Express, MySQL, Redis, and Next.js
- Performed alpha testing and manual QA testing, including bug reporting and test case execution
- Validated UI/UX for web applications, ensuring high-quality user experiences

## Projects

### Personal Portfolio Website

HTML, CSS, JavaScript, Three.js

Link

Personal Project

- Developed a responsive portfolio featuring interactive 3D models with Three.js and model-viewer
- Implemented AR support, interactive camera controls, and zoom functionality
- Integrated Animate on Scroll (AOS) for smooth animations and an email contact form system

### Secure Social Authentication Platform

Next.js, TypeScript, NextAuth, TiDB, Redis, Tailwind CSS

GitHub

Web Application

- Built a full-stack authentication system with OAuth integration for Google, Facebook, and Twitter
- Configured distributed SQL storage with TiDB for user data and Redis for session caching
- Implemented JWT validation, protected routes, and user profile management with sub-200ms latency

### Invoice Management System

React.js, Node.js, Express.js, JWT, Cloudinary, TiDB

Link

Web Application

- Developed a secure invoice management platform with JWT authentication and protected routes
- Integrated Cloudinary for document image uploads and implemented PDF generation functionality
- Created a dashboard with rich text editor for creating, editing, and saving invoice documents

## **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.

## **Extra-Curricular Activities**

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Augmented Reality Lens Creation: Developed and implemented Snapchat Lenses

## **Personal Interests & Hobbies**

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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**

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**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**

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- Developed a Snapchat Lens with over 343+ million views
- Created reusable HTML/CSS UI components for UIverse.io with 41,000+ Views. Profile

## **Languages**

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Gujarati, Hindi, English