

Roshan Kumar Patel

Nagpur, India | +91 8539014511 | rp207045@gmail.com
linkedin.com/in/roshan-patel | github.com/doTryCatch | patela.vercel.app

OBJECTIVE

Motivated Computer Engineering undergraduate with strong skills in **React, TypeScript, and Node.js**, seeking to contribute as a **Software Developer Intern**. Passionate about building scalable, AI-driven, and user-centric web applications while collaborating within Agile teams.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Python, C/C++, SQL
- **Frontend:** React.js, Next.js, Redux, Tailwind CSS
- **Backend:** Node.js, NestJS, Express.js, RESTful APIs, Prisma ORM
- **Databases:** PostgreSQL, MySQL
- **Cloud and DevOps:** AWS (EC2), Docker, Git, GitHub Actions, CI/CD pipelines
- **Concepts:** Agile/Scrum methodology, API integration, NLP and AI-based automation, Scalable architecture design

EXPERIENCE

GBJ BUZZ	Mar 2025 – Jun 2025
<i>Full Stack Developer Intern</i>	<i>Remote</i>
<ul style="list-style-type: none">• Developed and deployed an E-signature system supporting multi-user signing workflows, enhancing document security.• Implemented an NLP-powered search feature that improved accuracy and reduced query response time by 25%.• Built REST APIs and integrated real-time chat functionality using Node.js, Pusher, and Resend API.• Automated build and deployment pipelines using Docker and AWS EC2 for high availability and zero-downtime updates.• Collaborated within an Agile Scrum team to deliver full-stack solutions aligned with client requirements.	

EDUCATION

GH Raisoni College of Engineering, Nagpur, India	2022 – 2026
<i>Bachelor of Technology in Computer Engineering (CGPA: 9.07/10)</i>	
<ul style="list-style-type: none">• Relevant Coursework: Data Structures and Algorithms, Web Technologies, Machine Learning, DBMS, Operating Systems, Computer Networks	
Trinity International College, Kathmandu, Nepal	2020 – 2022
<i>XII (Science, GPA: 3.53/4.0)</i>	
Kalaiya Bright Land English Boarding School, Nepal	2019 – 2020
<i>X (SEE, GPA: 4.00/4.0)</i>	

PROJECTS

Breado React Native, NestJS, Prisma, PostgreSQL	Dec 2024 – Jan 2025
<ul style="list-style-type: none">• Developed a full-stack mobile app to manage bakery sales, inventory, and orders with automated calculations and secure APIs.• Implemented robust backend architecture with NestJS and Prisma, improving query efficiency by 30%.	
Traffic Management AI System Python, Flask, YOLOv8, OpenCV	Jul 2024
<ul style="list-style-type: none">• Built an AI-based traffic signal control system using YOLOv8 for vehicle detection and real-time adaptive signal timing.• Integrated Flask REST API to process live camera feeds and visualize lane-wise traffic data.	
Crown of Courage Python, Pygame	Jul 2024 – Aug 2024
<ul style="list-style-type: none">• Designed a 2D adventure game incorporating puzzle-solving and dynamic combat systems using Pygame.	

ACHIEVEMENTS

- Completed a 3-month paid internship as a Full Stack Developer, gaining hands-on experience with scalable web systems.
- Solved over 250 problems on LeetCode, strengthening algorithms and problem-solving proficiency.
- Typing speed of 90+ WPM, ensuring fast development and efficient collaboration.