Vipul Singh

Roll No.: BT22EC008
Bachelor of Technology
Electronics & Communication
Engineering
National Institute Of Technology,
Mizoram

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CAREER OBJECTIVE

Final-year NIT Mizoram student with a robust command of Data Structures and Algorithms and expertise in full-stack MERN development. Passionate about applying my technical expertise and analytical abilities to contribute to a technology-driven role.

EDUCATION

Degree	Institute	Board/University	CGPA/Percentage	Year of passing
B.Tech	National Institute of Technology, Mizoram	NIT Mizoram	7.88 (Till 6th Sem)	2026
Minor in VLSI	National Institute of Technology, Mizoram	NIT Mizoram	7.00	2026
XII	N.M.C School, Ghazipur	CBSE	85.2%	2021
X	Play Way Academy, Lucknow	ICSE	83%	2019

INTERNSHIPS

- **National Institute of Technology Mizoram**   *June 2025 – Present*
  Full Stack Developer Intern   Aizawl, India
  - Working as an intern in the Department of Electronics & Communication Engineering under the sponsored R&D project TIH IIT Bhilai, NIT Mizoram RP-28.
  - Contributed to the web development team for the project titled 'AI assisted End to End Fintech assistance solutions for farming system for oil seeds (mustard, sunflower, etc.) cultivation in Mizoram'.

- **Titan Company Limited**   *June 2024 – July 2024*
  Full Stack Developer Intern   Bangalore, India
  - Built a web-based portal using Spring Boot and Angular to track customer transactions and streamline purchase data management.
  - Developed RESTful APIs for smooth frontend-backend communication.
  - Integrated MS SQL and used mobile numbers as primary keys for optimized queries.
  - Applied validation for secure and accurate CRUD operations.
  - Performed API testing with Postman to ensure system reliability.
  - Collaborated with cross-functional teams to align tech with business needs.

PROJECTS

- **Full-Stack Food Delivery Platform**   ⭘ *GitHub Link*
  Technologies: React, Node.js, Express.js, MongoDB, Razorpay, JWT, CSS
  - Developed a complete, full-stack food delivery application from the ground up, featuring a separate, responsive website for customers and a dedicated dashboard for administrators to manage products and orders.
  - Engineered a secure backend and RESTful API with JWT-based authentication, and integrated the Razorpay payment gateway to handle the entire transaction lifecycle from checkout to secure webhook verification.
  - Built a full-featured admin panel allowing administrators to dynamically add new food items with image uploads, view all customer orders in a centralized dashboard, and update order statuses in real-time.

- **Real-Time Weather App**
  JavaScript Web Application
  - Architected a client-side application using JavaScript (ES6+) to fetch and render real-time data from a third-party weather API.
  - Implemented asynchronous 'fetch' calls with 'async/await' to eliminate UI blocking during network requests, ensuring a fluid and responsive user experience.

Technical Skills

Languages: Java, Java Script, SQL	**Frontend:** React, Bootstrap	**Backend:** Node.js, Express.js
Databases: MongoDB, MY SQL	**Developer Tools:** Git, Github, Postman	**Core Concepts:** DSA, OOPS, DBMS,CN

Certifications

- **DSA with Java**, Apna College
- **MERN Stack**, Apna College

Positions and Responsibilities

- **Team Lead**, Cultural Representation Squad of Uttar Pradesh at Raj Bhawan, Mizoram.

Achievements

- **Winner**, "Catch the Rain" Quiz Competition, NIT Mizoram. *2024*

Languages

- **English**
- **Hindi**

Hobbies

- **Hindi Poem**
- **Listening to Music**
- **Geopolitics**

References

- **Dr. Pragati Singh** - Assistant Professor, NIT Mizoram (pragati.ece@nitmz.ac.in)
- **Dr. Sukanta Roy** - Dean (Academics), NIT Mizoram (sukanta.me@nitmz.ac.in)

Declaration

I hereby declare that the entries in this Resume are true to the best of my knowledge and belief.

Vipul Singh
Signature of Student

Training and Placement Office
NIT Mizoram