Saurabh Verma

Bachelor of Technology
Electronics and Communication Engineering
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CAREER OBJECTIVE

As a motivated and detail-oriented Electronics and Communication Engineering student at NIT Mizoram, I aim to associate myself with a professionally driven and well-respected organization. I seek a dynamic and challenging role where I can apply my technical knowledge, development skills, and enthusiasm to contribute meaningfully while continuously learning and growing in my career.

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech., ECE	**National Institute of Technology, Mizoram**	**8.98/10**	**2023 - 2027**
Senior Secondary (12th)	**Saraswati Shishu Mandir Inter College, Barabanki**	**83.2**	**2022**
Secondary (10th)	**Saraswati Shishu Mandir Inter College, Barabanki**	**86.17**	**2020**

EXPERIENCE

- **Web Development Intern (Remote)**
  Young Theme   May 2025 – Present
  - Contributing to multiple live web development projects including **Ghumtrip**, **Dostartup**, and **YTPR**
  - Developed responsive pages and UI components using **Next.js** and **Tailwind CSS**
  - Translated UI designs from Figma into modular code across dynamic frontend pages
  - Coordinated with backend developers for API integration; backend implementation is in progress

RESEARCH PUBLICATIONS

- **Design, Analysis and Verification using UVM of SRAM Architectures**
  NIT Mizoram & Amity University | Status: Submitted
  - Compared 6T, 7T, and 8T SRAM architectures using Verilog HDL
  - Verified functionality with UVM; analyzed power metrics (static, dynamic, total)

- **Design and Verification of an Automatic Car Parking System with Emergency Control**
  NIT Mizoram & Amity University | Status: Submitted
  - Designed an 8-slot smart parking system using Verilog HDL with SRAM integration
  - Implemented emergency override, billing system, and real-time verification

PROJECTS

- **Training and Placement (TNP) Website**
  MERN Stack (MongoDB, Express, React, Node.js), JWT, Cloudinary
  - Collaborated with a senior to develop a full-stack web application for the college Training and Placement Cell
  - Built a secure admin dashboard with **JWT**-based authentication and cookie-based session management
  - Integrated **Cloudinary** for multi-image slider uploads and managed file storage using **Multer**
  - Enabled image deletion/editing and protected admin routes with authentication middleware
  - GitHub: TNP Website GitHub

- **Finance Visualizer**

  Next.js, React, shadcn/ui, Recharts, MongoDB

  ◦ Developed a personal finance visualizer app with category-based transactions and pie chart visualization

  ◦ GitHub: [Finance-Visualizer GitHub](#)

- **Food Delivery Frontend (Part)**

  React, Tailwind CSS

  ◦ Designed the frontend of a food delivery application with responsive UI

  ◦ GitHub: [Food Delivery Frontend GitHub](#)

- **YouTube Clone Backend**

  Node.js, Express, MongoDB, JWT

  ◦ Developed the backend for a YouTube clone with features such as video upload, user authentication, and comments

  ◦ GitHub: [YouTube Clone Backend GitHub](#)

Skills

- **Programming Languages** : C, C++, Java
- **Web Development** : HTML, CSS (Tailwind), JavaScript, Node.js , Next.js , React.js, Express.js, EJS, Full Stack Development
- **Database Management** : MongoDB
- **Tools** : Git, VS Code, Postman, Cloudinary
- **Cloud Platform** : AWS
- **Core Concepts** : Verilog HDL, UVM, Digital VLSI

Certifications

- **Be10X AI Tools Workshop**, [View Certificate](#)
- **Research Internship Participation – Amity University**, [View Certificate](#)

Extracurricular

- **Core Member** : Google Developer Groups (GDG), NIT Mizoram
- **Website and Media Coordinator** : Managed website content and media for campus tech events

Declaration

I hereby declare that the above information is true to the best of my knowledge and belief. I take full responsibility for the correctness and authenticity of the details mentioned in this resume.