Piyush Palariya

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in LinkedIn ⌨ Github 🌐 Portfolio-Website </> Leetcode

Education

Sardar Vallabhbhai National Institute of Technology, Surat   **2023 − 2027**
- *B.Tech in Computer Science and Engineering | Roll Number: U23CS045*   *Surat, India*

Christ Church Convent Higher Secondary School, Gadarwara   **2022 − 2023**
- *Class 12 (MPBSE) | 89.2%*   *Gadarwara, India*

Technical Skills

- **Programming Languages:** C/C++, Python
- **Scripting Languages:** JavaScript, TypeScript
- **Frontend Technologies:** React.js, Next.js, HTML, CSS
- **Backend Technologies:** Node.js, Express.js, Socket.io
- **Databases:** MongoDB (NoSQL), PostgreSQL, MySQL
- **Tools & Platforms:** Git, GitHub, Linux (Ubuntu), Vercel

Projects

- **Bunk-Bites (Canteen Management Software)** | Personal Project   **Live App**
  - Built a full-stack canteen management system using **Next.js, TypeScript, Neon** with **Drizzle ORM**.
  - Implemented **REST APIs** for authentication, order management, payments, and role-based access control.
  - Integrated **Razorpay** payment gateway and **Redis** for fast **OTP** system.
  - Deployed live application capable of handling **100K+ requests/day** with real-time order processing.
  - Configured **CI/CD** with **GitHub Actions** enabling automatic deployments to **Vercel**.

- **Burger Web-App** | Project   **Live App**
  - Designed and developed a full-stack web application enabling real-time **custom burger ordering** using the **MVC architecture**.
  - Implemented a secure, session-based **authentication system** with **Passport.js** for user login and role-based access.
  - Built an intuitive UI for **adding, editing, and deleting** custom orders, ensuring a seamless user experience.

Achievements

- **LeetCode:** Solved **410+ DSA problems** DSA problems, including 280+ on Leetcode.
- **NPTEL Software Testing:** Achieved Top 5 percentile in the final examination.
- **Cricket Tournament:** Team member who secured 1st Runner-Up in Intra-CSE competition.
- **JEE Advanced 2023:** All India Rank **18,532** among **1 Lakh+** students.
- **JEE Mains 2023:** All India Rank **12,047**, scored **98.98** percentile in JEE Mains.
- **UCMAS National Champion:** Won 1st place in National Mental Mathematics (abacus) competition.

Position of Responsibility

- **Technical Head at Research and Innovation Affairs Council (RIAC)**
- **Co-Head in Publicity Committee MINDBEND 2025**

Relevant Coursework

- **Core Subjects:** Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems
- **Advanced Topics:** Operating Systems, Computer Networks, Machine Learning