

Smit K Panchal

Full Stack Developer / Data Analyst

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Experience

Trainee Engineer

July 2024 – Present

Tech Elecon Pvt. Ltd.

- Currently **employed** at **Tech Elecon Pvt Ltd**, where I design and develop user interfaces using **React JS**, integrate with **backend APIs**, work on **full-stack projects**, and have gained knowledge in **SQL** with **SQL Server Management Studio**.
- Utilised Tailwind CSS, reducing stylesheet by 30%, **accelerating design 2x**, ensuring **99% cross-device consistency**.
- Implemented custom hooks to streamline code maintainability, **led to a 20% reduction in duplicate code**.
- Achieved 30% faster response time by optimizing backend **through caching strategies and database indexing**.

QMS – Internship

Jan. 2024 – April 2024

Tech Elecon Pvt. Ltd.

- Led a 4-month internship project developing a **responsive** web-based **Quality Management System** using **React.js** for the **UI** and **.NET** for **API integration** and backend, ensuring end-to-end project management with manager approvals at each phase.
- Transfer Figma prototypes into interactive interfaces with **React JS**, **JavaScript**, **Tailwind CSS** and **Material UI**.

Power BI, SAP HANA, Cyber Security – Internship

Jan. 2023 – Jan. 2024

Edunet Foundation, SAP

- Conducted **data analysis** using **Power BI** on **Excel** and **CSV** files, analyzing **Indian population** data and **Company Revenue** trends, and implemented a **Facebook login page clone** for **cybersecurity** research on user interface **vulnerabilities**.

IOT & AI/ML – Internship

Jan. 2022 – Jan. 2023

Edunet Foundation, SAP

- Utilized **microcontrollers and development** boards like **Arduino** and **Raspberry Pi** for mini-projects, including an **LED information system** and a **Gas Leakage Management System** using **MQ5 gas sensors** and **relay modules**, while also gaining foundational knowledge in **AI and ML**.

Education

Sardar Patel College of Education, GTU

Bachelor of Engineering in Information Technology

Bakrol, Gujarat, India

Aug. 2020 – May 2024

Edunet Foundation, SAP

Training in SAP Analytics Cloud, Cyber Security, IOT

V.V.Nagar, Gujarat, India

Jan. 2023 – Jan. 2024

Edunet Foundation, SAP

Training in AI & ML, IOT

Anand, Gujarat, India

Jan. 2022 – Jan. 2023

Knowledge High School

Higher Secondary School (PCM)

Anand, Gujarat, India

Ju. 2018 – Aug. 2020

Projects

Portfolio Website: For more projects and details.

Call Management System: React JS, .Net, SQL, Postman, Material UI, GitHub

- Implemented a streamlined call management system where users log issues, automatically route them to appropriate owners for resolution, and receive notifications upon closure, enhancing operational efficiency and user satisfaction.

Quality Management System: React JS, Node JS, Mongo DB, Postman, Material UI, Tailwind CSS and GitHub.

- Developed a robust Quality Management System enabling employees to upload phase-wise project details, obtain managerial approvals at each stage, and providing managers with comprehensive project oversight, improving compliance and workflow transparency.

Travel Here Website: HTML, CSS, JS, Material UI, Tailwind CSS and GitHub.

- Developed the Travel Here website, allowing users to explore famous landmarks, beaches, and attractions through an engaging interface with smooth transitions and optimized renderings, improving user experience and boosting platform interactivity.

Compact Assignments: [Recipe Finder](#) | [Todo List](#) | [Movie Search](#) | [Chat App](#) | [Tic-Tac-Toe](#)

- Explore more projects and **Data Visualizations** at my [Portfolio Site](#).

Skills and Proficiency

Data Analytics Tool: Power BI

Database: MySQL, PostgreSQL and Mongo DB

Languages: HTML, CSS, JS, C++, Python.

Frameworks: React JS, Node JS, Express JS, Tailwind CSS, Firebase, Material UI