AARYAN PATEL

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EDUCATION

Pandit Deendayal Energy University ⸻ **Oct 2021 – Present**
Bachelor of Technology in Computer Science and Engineering, CGPA: 9.08 ⸻ *Gandhinagar, India*

- **Coursework:** Design and Analysis of Algorithm, Object-Oriented Programming, Database Management System

TECHNICAL SKILLS

- **Programming Languages** : Java, JavaScript, C, Python
- **Developer Tools** : Git, GitHub, Visual Studio, VS Code, Android Studio
- **Technologies** : React, Node.js, Express.js, Spring Boot, Hibernate, React Native, Angular, HTML5, CSS3
- **Databases/Cloud** : MongoDB, MySQL, MySQL Server, Firebase, Google Cloud Platform, AWS
- **Soft Skills** : Teamwork, Communication, Leadership

EXPERIENCE

Developer Intern ⸻ **Jun 2024 – Aug 2024**
Mandatly INC. ⸻ *Surat, Gujarat*

- Developed and Executed multiple classifiers using regex patterns and database-stored data patterns, improving sensitive information identification accuracy by 90%.
- Engineered robust SQL queries for real-time data analysis, enhancing database performance metrics by 85%, while introducing Data Classification through SpaCy.
- Leveraged 'imaplib' to extract and classify sensitive content from Gmail, including filtering based on email headers and body content.
- Built and Configured Docker images for the project, including installation and management of Python libraries like Spacy and FastAPI, ensuring an efficient development enviroment.

Node.js Intern ⸻ **Mar 2024 – Apr 2024**
Navodita Infotech ⸻ *Remote*

- Streamlined and Implemented a User Authentication System using Node.js, enabling secure User Authentication and Authorization across multiple applications.
- Spearheaded asynchronous operations and integration of diverse Node.js modules, improved task completion rates by 40%.

PROJECTS

EV Rental (*React, Node.js, Express.js, Ether.js, Firebase, MongoDB*)

- Created a seamless EV Rental platform using React for the frontend and Integrated blockchain technology with Solidity and Ether.js for secure, transparent rental transactions on the Ethereum network, improving data retrieval speed by 60%.
- Established a robust backend with Node.js, Express, and MongoDB for managing user, vehicle, and transaction data, and Integrated Firebase Authentication for secure user login and registration.

TripVerse *(React, Node.js, Express.js, MongoDB, JWT)*

- Architected a scalable MERN stack travel platform using React, Redux, and custom Hooks, boosting user engagement by 40% and handling 100+ daily bookings. Optimized performance with lazy loading and Redux Toolkit, reducing page load time from 4.2s to 1.5s.
- Spearheaded and Implemented a scalable microservices architecture with Express.js backend, featuring RESTful APIs and MongoDB Atlas for data persistence, reducing API response time by 65% and Engineered a secure user authentication system leveraging JSON Web Tokens (JWT) and bcrypt for password hashing.

EVChargeLocator App *(React Native, Expo, Firebase, Google Maps API)*

- Formulated a cross-platform EV charging locator app using React Native, Expo, Google Maps, and Google Places APIs, enabling real-time navigation and location-based searches with custom markers and dynamic map rendering, improving usability by 35%.
- Utilized a scalable favorite station feature with Firebase Firestore, allowing users to mark, retrieve, and sync favorite locations. Enhanced UI with real-time toggles, boosting user retention by 40%.

CERTIFICATIONS

- **Software Engineering Virtual Experience** (JPMorgan Chase & Co.), **Google Cloud Computing** (Google Cloud Platform), **Android Application Development** (Coursera), **Docker Essentials** (IBM)