Ashil Patel

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EDUCATION

- **Institute of Advanced Research, Gandhinagar**   Sep 2020 - May 2024
  Bachelor of Technology Information and Communication Technology Engineering. GPA **: 7.9**
- **Edunova Science Higher Secondary School , Ahmedabad**   Aug 2017 - Apr 2019
  HSC(Intermediate, **12th-Science(PCM))**   **Percentage :- 70%**
  JEE(Intermediate, **12th**) : Secured 90 percentile in the 2019 JEE examination.

SKILLS SUMMARY

- **Programming Languages**: C++, JavaScript
- **Development**: React.js, Express.js, RabbitMQ, REST API, Websocket(Socket.io), MongoDB, GSAP, Tailwind, Micro-services,
- **Tools and technology** : Git & GitHub, Postman, VS Code

Experience

- **Flowall Water Pump Company** [Frontend]   May 2023 - June 2023
  - In collaboration with a Flowall water pump company, I successfully designed and developed a dynamic and engaging (minimalist) website using a HTML, CSS, JavaScript.
  - I build and craft digital landscape for flowall water pump and their primary objective is to expand Flowall's market reach and Customer base by providing and efficient and user-friendly online sales platform.Additionally, technical skills such as working with Hosting and deploy the website on the internet were also gained along the way.
- **Secretary, Computer Society and Gaming Club IAR**   Jun 2022 - Jul 2023
  - As the Secretary of the Computer Society and Gaming Club at Institute of Advanced Research, Gandhinagar, I bring strong leadership and organizational skills.
  - I have successfully coordinated club activities, managed events, and promoted community engagement. I led the organization of impactful skills development workshops, fostering technical proficiency among members.
- **ICPC- International Collegiate Programming Contest.(Team Member)**   Sep 2022
  - The 2021 ICPC Asia Amritapuri First Round Online Programming Contest.
    - Secured Rank 1762 out of 4992.

PROJECTS

- **Ride-hailing Application** [MERN Stack- Monolithic Arch.]
  - I have developed a full-stack ride-hailing application using the MERN stack (**MongoDB, Express.js, React.js, Node.js**), designed to emulate the core functionalities of services like Uber.
  - The frontend is built with React and Vite, styled using Tailwind CSS, and incorporates **Google Maps** for **live tracking** and **Socket.IO** for real-time notifications.
  - The backend is powered by **Express**, utilizing MongoDB with **Mongoose** for data management, and features **RESTful APIs** to handle user **authentication**, **ride management**, and **map services**.
- **Micro-Services** [Backend]
  - I have developed a microservices-based ride-hailing application using **Node.js** and **Express**, structured into four distinct services: **User**, **Ride**, **Captain**, and **Gateway**.
  - Each service operates independently, communicating through **RabbitMQ** to ensure modularity and scalability.
  - The Gateway service functions as an **API gateway**, managing request routing and authentication, while the User and Captain services handle user profiles and driver management, respectively. The Ride service oversees ride creation, tracking, and status updates.
- **Zentry Clone** [Frontend]
  - Built using **React.js** and **Tailwind CSS**, the site offers a fully responsive layout complemented by seamless animations powered by **GSAP**, ensuring an engaging user experience across devices.
  - The website provides an engaging user interface with modern design elements, optimized for both desktop and mobile devices.
- **Xora-SAAS** [Frontend]
  - Developed a modern SaaS landing page using **React.js** and **Tailwind CSS**, incorporating packages like **clsx**, **react-countup**, **react-scroll**, and **react-slidedown** for enhanced functionality and user experience.
- **Ecommerce Website** [Frontend]
  - The platform offers secure user authentication, allowing customers to register and log in to their accounts, facilitating personalized shopping experiences.
  - A comprehensive product catalog is available, enabling users to browse and select items for purchase.
  - Utilized tech : **ReactJs** and **Tailwind** CSS.