ARJUN PATEL

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PROFILE SUMMARY

Passionate full stack developer with foundational skills in Node.js, Express, React, and MongoDB. Dedicated to building scalable web applications and eager to apply modern development practices. Committed to continuous learning and contributing to innovative tech projects.

WORK EXPERIENCE

Tata Consultancy Services Limited, Pune, Maharashtra   Nov 2021 – May 2022
Assistant System Engineer Trainee
- Developed web applications using JavaScript and frameworks including React.js and Express.js, modifying code logic to meet business requirements and enhancing user-centric web applications.
- Collaborated with the team to identify, address, and resolve bugs, improving overall efficiency and application performance by 20%.
- Earned certifications in Python and English Foundation by successfully completing TCS training programs.

TECH SKILLS

- **Programming Languages**: JavaScript, C++, C, Python, Node.js
- **Web Technologies**: RESTful APIs, Express.js, React.js, Redux, HTML, CSS, Tailwind CSS, Material UI, JWT, WebAuthn
- **Databases**: MongoDB
- **Web Hosting**: Vercel, Netlify, Render, GitHub Pages
- **Other Tools**: Version Control (Git, GitHub), Postman, VS Code, MongoDB Atlas

PROJECTS

ShoppyNexxa – Ecommerce Website (*Skills: NodeJS, MongoDB, ReactJS, React-Redux*) [GitHub | Live Demo]
- Developed ShoppyNexxa, an e-commerce website using Node.js, Express.js, React.js, MongoDB, and Redux for state management, demonstrating proficiency in full stack development with the MERN stack.
- Implemented advanced **user authentication using passkeys, including biometric login through SimpleWebAuthn**, enhancing security and integrating frontend and backend functionality.
- Integrated **Razorpay payment gateway**, enabling seamless and secure online transactions, and improving the speed and efficiency of the payment process.

iNotePad - Comprehensive Notes Application (*Skills: ExpressJS, MongoDB, ReactJS*) [GitHub | Live Demo]
- Engineered iNotePad using MongoDB, Express.js, React.js, and Node.js, incorporating user authentication for secure and personalized note management, including functionalities for adding, updating, and deleting notes.
- Enhanced backend efficiency with Express.js and MongoDB, ensuring quick and reliable data handling and storage.

Personal Portfolio Website (*Skills: ReactJS, Frontend Development*) [GitHub | Live Demo]
- Developed a dynamic and responsive portfolio website using React.js, **incorporating reusable components** to enhance code efficiency and maintainability.
- Implemented real-time email notifications with auto-replies based on user feedback, ensuring efficient and automated communication.

ATM Console Application (*Skills: C++)* [GitHub]
- Developed a basic ATM application in C++ using console-based input/output for user transactions and account management.

CERTIFICATIONS / ACHIEVEMENTS

- **Full Stack Development Course** (Udemy) [View Certificate]
  Completed a comprehensive project-based learning program.
- **C++ Programming Course** (Udemy) [View Certificate]
  Gained foundational knowledge in object-oriented programming and data structures.
- **ChatGPT and AI Tools Workshop** [View Certificate]
  Improved productivity and efficiency with insights into advanced AI applications.
- **College Tech Fest Leadership** [View Certificate]
  Refined leadership and managerial skills through event planning and team management.

EDUCATION

G H Patel College of Engineering & Technology, *Anand, Gujarat*   July 2017 – June 2021
Degree: Bachelor of Engineering in Mechanical Engineering
CGPA: *8.23*