VARUN PRAJAPATI

+91 70240-60586 · varunprajapati@gmail.com · **Portfolio** · **Linkedin** · **Github** · **X**

Sukhliya (452010) Indore, India

FULL STACK DEVELOPER

Full Stack Developer with a solid background in building scalable, high-performance web applications using React, Next.js and Express . Experienced in cloud solutions, secure payment systems, and backend architecture. Skilled in JavaScript, TypeScript, and PostgreSQL, with a passion for clean code and innovative solutions. Seeking to contribute my expertise to a dynamic development team.

WORK EXPERIENCE

Full Stack Web Development Intern, Shiavnski Technologies LLC, Indore   May 2024-Present
- Contributed to a UK-based sustainability platform, by **migrating** environment variables to AWS Parameter Store and Secret Manager, and fixing **critical bugs** to improve system stability.
- Developed a Figma-like tool enabling users to **create** and share **flow diagrams**, enhancing **clients collaboration** and design capabilities increasing the client retention up to **8%**.

Frontend Developer Intern, IW Technocrats LLP   Dec 2021 - Apr 2022
- **Developed and maintained** the frontend for www.outboundaviation.in, ensuring a **responsive** and user-friendly interface.
- Assisted and **mentored** new interns in frontend technologies, fostering a **collaborative team environment**.

SKILLS

- **Programming Languages:** JavaScript, TypeScript, HTML, CSS, C++
- **Frameworks & Libraries:** React, Next.js, Express, Redux, Tailwind, Node.js, Hono, PostgreSQL, MongoDB, Prisma, Mongoose
- **Cloud/DevOps:** AWS, Docker, Cloudflare, Firebase, Turborepo
- **Tools:** Git, GitHub, VSCode, Postman, DBeaver, Docker

PROJECTS

Digital Payment App (ProPAYn) | Link   Next.js, Turborepo, Express, Prisma, Docker, Recoil, NextAuth, Zod
- **Innovative Full-Stack Design**: Leveraged Next.js for both frontend and backend, with Express handling auxiliary services. Turborepo was used to efficiently manage the codebase.
- **Secure and Scalable Payment System**: Designed a robust payment infrastructure using PostgreSQL and Prisma ORM, ensuring **smooth transactions** and data integrity through **custom SQL queries** that prevents conflicts during parallel transfers.
- **Real Bank Interaction**: Implemented **on-ramping process** for converting digital currency to fiat, mimicking **real-world banking**.
- **User-Centric Experience**: Developed seamless authentication with NextAuth, P2P transfers and intuitive dashboards, showcasing a deep understanding of **backend security** and challenges.

Blogging App (PenCraft) | Link   Typescript, React, Hono, PostgreSQL, Tailwind CSS, Prisma, Zod, JWT
- **Frontend**: It's intuitive interface allows **seamless** user sign-up, sign-in, and blog posting, with dedicated blogs routes.
- **Backend**: Developed with Hono, utilizing AivenDB and Prisma, deployed on **cost-effective serverless** Cloudflare, reducing server cost by **70%,** as compared to AWS EC2, in **moderate traffic** and up to **40%** for **higher traffic**.
- **Security**: Integrated **Zod** validation and s**ecure access** via JWT, using **custom middleware** to enhance security and data validation.

NetflixGPT | Link   JavaScript, React, Firebase, Tailwind CSS, TMDB's API, OpenAI's API
- **AI-Powered Search**: Integrated OpenAI API to enable intelligent, natural language movie searches, **enhancing** user experience.
- **Secure Authentication**: Implemented user authentication using Google Firebase for personalized and secure access.
- **Dynamic Content Fetching**: Utilized TMDB API to retrieve **detailed** movie information and posters, delivering a **visually engaging** interface.

FoodVilla Web-App | Link   JavaScript, React,Tailwind CSS, Swiggy's API
- **Config driven:** food delivery platform. Restaurants details are fetched from API and I have used **Redux Toolkit** to manage restaurant data for **state management.**

EDUCATIONAL BACKGROUND

BTech in Computer Science and Engineering | MITS College, Gwalior | Aug 2018-Sept 2022   **CGPA:** *7.5/10*

Relevant Coursework: Data Structures, Algorithms, Computer Networks, DBMS, Operating System, Software Engineering

ACHIEVEMENTS

- **GATE 2023 Qualified**
- Volunteered with **NSS** to **teach** and empower underprivileged students during community **camps**, fostering educational growth and social responsibility.