

Umang Patel

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Career Objective

Jr. Full-stack developer with practical experience building real-time, responsive web apps. Passionate about crafting innovative, user-centric software solutions. Driven by continuous learning, delivery of high-impact technological solutions. Focusing on mastering Next.js and eager to expand expertise in cloud technologies like Kubernetes, Docker.

Experience

Full Stack Developer Intern.

Apr. 2024 - Aug. 2024

J&M Group | *Next.js, Typescript, PostgreSQL, Docker, Tailwind CSS, Redis, Supabase*

Mississauga, ON

- Designed and implemented a location based (PostGIS) scheduling and matching system that optimized the placement of job seekers in ad-hoc roles, leading to a better candidate experience and a faster hiring cycle.
- Implemented UI (PWA) for the job board for job seekers and admins using React, Redux, Zod, Typescript, Tailwind and Shadcn.
- Enabled self-hosted deployment of a Next.js application and its dependencies (Supabase, Redis, RabbitMQ) by contributing in building Docker swarm on the company's private Linux environment.

Projects

AI-Powered Career Coach | *React, Prisma, Google Gemini AI, Inngest, Zod, PostgreSQL, Clerk, Shadcn UI* [GitHub Repo](#)

- Engineered AI-powered resume building, cover letter generation, and interview preparation using Next.js
- Integrated Google Gemini AI for context-aware content generation, including resume improvements and industry-specific cover letters
- Utilized Prisma ORM with PostgreSQL for scalable data handling, and implemented authentication and role-based access using Clerk
- Designed a responsive and accessible UI with TailwindCSS and Shadcn UI, incorporating form handling via React Hook Form and schema validation using Zod

React Rooks - Chess Game | *Next.js, Tailwind CSS, MongoDB, WebAssembly, WebSockets, TypeScript* [GitHub Repo](#)

- Developed a real-time chess game that allows users to play chess against a powerful chess AI (Stockfish)
- Utilized WebAssembly to optimized AI performance within client's browser, allowing players to make unlimited AI inferences
- Implemented a Node.js cron job to save the game state after each move for seamless continuation

E-Commerce - Product Management | *Java, Spring Boot, PostgreSQL, Docker, RabbitMQ, OpenFeign,* [GitHub Repo](#)

- Built a scalable e-commerce platform using Java Spring Boot with microservices for Products, Orders, Admin, and Image management Services, all orchestrated through an API Gateway
- Leveraged Docker for containerization and RabbitMQ for asynchronous messaging

Reels Pro Socia Media - Backend | *Next.js, React, TypeScript, MongoDB, ImageKit, DaisyUI* [GitHub Repo](#)

- Developed a video content platform using NextAuth.js, Node.js and JWT for secure authentication, protected API routes for robust backend interactions
- Integrated ImageKit for video uploads, along with optimized form handling using React Hook

Technical Skills

- Frontend:** JavaScript, TypeScript, React.js, Tailwind, Shadcn
- Backend:** Next.js, Node.js, Express.js, Prisma, RabbitMQ, JAVA, Spring Boot, REST APIs
- Database:** PostgreSQL, MySQL, Redis, MongoDB
- CI/CD:** Git, GitHub Actions, Vercel, Docker
- System Architecture:** MVC, Micro-Service

Education

Humber College
Information Technology Solutions

Toronto, Canada
Jan 2023 - Aug 2024

Nirma University
Computer Engineering (B. Tech)

India
Jun 2017 - May 2021