Ishan Moorjmalani

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Education

Manipal University   September 2022 - September 2024
Master of Computer Application   *Jaipur, Rajasthan*

Experience

ByteWeb IT Solutions   January 2023 - August 2023
Software Developer   *Vadodara, Gujarat*
- Leveraged **full-stack development** expertise to craft **100+ RESTful APIs** using **Laravel**, successfully migrating legacy systems and demonstrating proficiency in **PHP**, **JavaScript**, and cutting-edge **web technologies**.
- Optimized **database performance** through advanced **ORM** techniques and efficient **query optimization**, significantly improving application responsiveness and enhancing scalability for high-traffic scenarios.
- Spearheaded critical **project migrations**, implemented **secure authentication systems**, and delivered comprehensive **API documentation**, showcasing strong **problem-solving skills** and a commitment to robust, **user-centric solutions**.

Pepcoding   April 2022 – October 2022
Software Developer Intern   *Delhi, India*
- Led development of nados.io's educational features including an **automated assessment engine** and **interactive learning platform**, driving a **45%** increase in student engagement rates.
- Architected a **real-time analytics dashboard** processing data for **2000+ users**, with an **intelligent doubt resolution system** that reduced response times by **70%**.

Digital Web Weaver   Dec 2020 – June 2021
Software Engineering Intern   *Vadodara, Gujarat*
- Led the development of a comprehensive product showcase platform with integrated **content management system**, implementing **dynamic admin interfaces** for managing product catalogs, inquiries, and **data export functionalities**.
- Enhanced multiple client projects through **feature implementations** and **bug resolutions**, while maintaining **system reliability** and improving **operational efficiency** across different web applications.

Projects

Nexus Chat | *NextJS, Shadcn, ConvexDB*
- Developed a full-stack chat application using **React**, **Next.js**, and **Convex DB**, featuring real-time messaging, friend management, and group chat functionalities.
- Integrated **Clerk** for secure authentication and implemented a responsive UI with **Tailwind CSS** and shadcn, ensuring cross-device compatibility and user-friendly design.
- Leveraged **Convex DB's** real-time capabilities to create advanced features including instant message updates, read receipts, and accurate timestamps, enhancing overall user experience.
    - ⬈ **Live Link** | ⌗ **Github Link**

Airline Microservice Project | *Node.js, Sequelize ORM, RabbitMQ, MYSQL*
- Architected and developed a comprehensive flight booking system using a **microservices architecture**, implementing 4 interconnected services (Flight, Booking, Notification, API/Auth Gateway) with **Node.js** and **Express.js**.
- Designed robust database schema using **MySQL** and **Sequelize ORM**, efficiently managing complex relationships between flights, bookings, and users.
- Integrated **RabbitMQ** for reliable inter-service communication, enhancing system reliability in high-traffic scenarios.
- Engineered a robust **API Gateway** implementing **JWT-based authentication**, **reverse proxy** functionality to route requests to appropriate microservices, and **rate limiting** to prevent abuse, ensuring secure access control, efficient request handling, and optimal system performance.
    - ⌗ **Github Link**

Developer Portfolio | *React, Context API, HTML/CSS*
- Developed a clean, responsive portfolio website using **React** and **Context API**, featuring **dark/light theme switching** and **responsive design** for optimal viewing across devices.
- Designed a **user-friendly interface** featuring resume access, skill metrics, and consolidated professional networking links for enhanced visibility.
    - ⬈ **Live Link** | ⌗ **Github Link**

Technical Skills

Programming Languages: JavaScript (ES6+), TypeScript, PHP, Java, SQL
Frameworks & Libraries: NextJS, React, Recoil, Node.js, Express.js, Hono.js, Laravel, CodeIgniter, Tailwind, ShadCN, NextUI
Databases & ORMs: MySQL, PostgreSQL, MongoDB, Sequelize, Prisma, Eloquent
Cloud & DevOps: Docker, AWS, Vercel, Cloudflare Workers, Git, GitHub, CI/CD pipelines, Microservices Architecture
API & Communication: RESTful APIs, WebSocket, WebRTC, RabbitMQ
Development Tools: VS Code, NPM, MongoDB Compass, Swagger, Turbo Repo, Prisma Accelerate, Composer