JATIN KUMAR

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EXPERIENCES

TerraDX Technologies · Vancouver, British Columbia (Remote)
Full Stack Engineer · Feb 2024 - Present

- Deployed Azure Functions to incorporate advanced security protocols like OAuth2 and JWT for user security and streamlined the authentication process across multiple internal platforms.
- Implemented scalable RESTful APIs that enabled seamless real-time data streaming for large language models (LLMs), ensuring high availability and reliability.
- Led the optimization of the web apps, focusing on enhancing the user experience of applications that interact with LLMs involving implementing strategies to reduce load times and improve responsiveness.
- Setup the Azure Cosmos DB that significantly improved data retrieval speed and accuracy, implementing advanced vector search algorithms that significantly improved data retrieval speed and accuracy.

DarkHorse · Palo Alto , USA (Remote)
Full Stack Intern · Sep 2023 - Feb 2024

- Implemented a comprehensive customer support system, enabling users to easily submit queries and receive timely resolutions, including automated ticketing, real-time notifications, and an intuitive user interface, significantly improving customer satisfaction and support efficiency.
- Developed a full stack web application using technologies such as React, Node.js, and MongoDB. Contributed to both frontend and backend development, creating a seamless user experience.

SKILLS

Programming Languages:	JavaScript, Python
DevOps:	Docker, Kubernetes, Jenkins
Frameworks:	React.js, Next.js, Express, Flask, FastApi, Redux, Node.js

PROJECTS

Full Stack App to deploy database server *JavaScript, DevOps, Python, sqlite, KubeApi*
https://github.com/JATINKUMAR1008/db-pfl.git
Developed a secure and efficient Full Stack application to deploy database servers, integrating front-end and back-end technologies.

Full Stack app with Microservices Implementation *JavaScript, Python, DevOps, sqlite, Nginx*
https://github.com/JATINKUMAR1008/Ecomerce_Microservices_Application.git
Built a scalable Full Stack application using Microservices architecture, enabling independent development and deployment of components.

A Full Stack chat app using Redis *JavaScript, Nodejs, Redis, MongoDB*
https://github.com/JATINKUMAR1008/Chat-app-fullstack.git
Created a real-time Full Stack chat app leveraging Redis for efficient data management and enhanced application performance.

Portfolio Site *next.js, tailwindcss, vercel* · https://jatinkumar1008.vercel.app/
A portfolio made using next.js and tailwind css

AWARDS

AWS Certified Cloud Practitioner · Amazon Web Services
Earned the AWS Certified Cloud Practitioner credential, demonstrating foundational knowledge of AWS cloud concepts, services, and best practices. · Nov 2023

Cisco Networking Essentials · CISCO
Successfully completed the Cisco Networking Essentials course, mastering fundamental networking concepts and their practical application using Cisco Packet Tracer. · Dec 2022

EDUCATION

Chandigarh University · Chandigarh, India
BE Computer Science *GPA: 8.2* · Aug 2021 - Jun 2025