

JATIN KUMAR

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EXPERIENCES

TerraDX Technologies Full Stack Engineer

Vancouver, British Columbia (Remote)
Feb 2024 - Present

- Deployed Azure Functions to incorporating 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 Full Stack Intern

Palo Alto , USA (Remote)
Sep 2023 - Feb 2024

- Implemented a comprehensive customer support system, enabling users to easily submit queries and receive timely resolutions includes 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

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/Ecommerce_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.

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

BE Computer Science *GPA: 8.2*

Chandigarh, India

Aug 2021 - Jun 2025