

GrishmaKumari Patel

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EXPERIENCE

Backend Developer Intern

Feb '25 — Present

Vosyn Inc

Remote, Canada

- Developed and documented RESTful APIs using Django, with version control and deployment automation via GitLab CI.
- Collaborated with team members, and project manager, instituted best coding practices, and introduced Agile methodology, leading to a 30% increase in team productivity.
- Worked on containerization and orchestration with Docker and Kubernetes, improving system scalability and efficiency.
- Worked with relational data models and SQL databases, optimizing query performance and improving data retrieval speed and Leveraged ETL pipelines to process large volumes of data efficiently, ensuring high data accuracy and integrity
- Stayed current with advancements in Generative AI, leveraging tools like Langchain, Langgraph, and Llamaindex to enhance applications.

Full-Stack Developer

May '23 — Jul '24

L Squared Digital Signage

Toronto, Canada

- Developed multimedia synchronization web services using WebSocket and REST APIs, optimizing real-time video and image playback sync across multiple screens while reducing latency by 120ms.
- Engineered a video wall system by dynamically cropping videos using Cloudinary, enabling synchronized display across multi-screen setups, improved content rendering efficiency by 80%.
- Developed a dynamic visual editor using React and TypeScript, allowing users to manage and edit schedules by moving content between frames and visualizing updates in real time, reducing scheduling errors by 40%.
- Integrated Azure Blob Storage to manage and retrieve large datasets, reducing API load by 90%, and Utilized Python libraries like NumPy, SciPy, and Pandas for real-time data analysis, transforming raw data into insightful reports.
- Built and tested applications for WebOS, Tizen, Windows, Linux, and Android PWA achieving 98% cross-platform compatibility, integrated services like Facebook, Cloud Cover, and Cisco for enhanced functionality.

Financial Sales Representative

Jul '22 — Apr '23

Teleperformance Scotiabank

Toronto, Canada

- Completed credit product application documentation and facilitated product setup for customers, ensuring 100% compliance with banking policies.
- Provided expert assistance on inbound/outbound calls, enhancing customer satisfaction scores by 25% through personalized service and issue resolution.
- Consistently exceeded daily sales targets, driving a 10% increase in overall sales performance.

Software Developer

Jun '20 — Dec '21

Freelance | Independent Project with Restaurant Owner

Kitchener, Canada

- Developed a customized online ordering system to streamline food orders, reducing manual errors and improving efficiency.
- Designed and implemented a responsive website with an intuitive UI/UX, ensuring a seamless customer experience across devices.
- Integrated payment gateways and reservation systems, enabling secure transactions and real-time booking management.

EDUCATION

PG Diploma in ITBA, Minor in Business, Conestoga College Kitchener, ON

Jan '19 — May '20

Kitchener, Canada

Bachelor's in Information Technology, Gujarat Technological University Surat, Gujarat

Jul '14 — May '18

Surat, India

PROJECTS

Real-Time Multimedia Scheduling & Synchronization System [Link](#)

- Implemented a WebSocket-based messaging system in Node.js to synchronize video playback across multiple screens, ensuring seamless multi-device streaming.

High-Performance API Development [Link](#)

- Designed RESTful APIs with Django and Flask to manage video content, user interactions, and playback control, ensuring scalable and efficient backend operations.

SKILLS

Programming Languages and OS Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, Typescript, NodeJs

specialized knowledge Networking Concepts, OS Fundamentals, Embedded Development, Machine Learning, Cyber Security, Networking, QA, Machine Learning Methods, microservice, Research and Development, Presentation Skills, Data Analytics, LLMs

Front-End React.js, Angular, Redux

Back-End Node.js, Flask, Django, FastAPI

Databases SQL, MongoDB, Cassandra

Devops & Tools Git, Jenkins, Docker, Azure/AWS, Terraform, GCP

APIs & Integrations REST APIs, WebSockets, FacebookAPI, Cloudinary API