

Grishmakumari Patel

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Experience

L Squared Digital Signage - Full-Stack Developer

May 2023 — July 2024

- Developed and Implemented seamless multimedia synchronization web service solutions using WebSocket and REST APIs to ensure seamless video and image playback across multiple screens, and optimized the system's latency by 120ms, making real-time video sync more efficient.
- 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, Improved workflow efficiency, reducing scheduling errors by 40%
- Integrated cloud storage via Azure Blob Storage, optimizing API calls to manage and retrieve large datasets efficiently and leveraging Hadoop for data processing.
- Developed and optimized React and TypeScript applications to create scalable, dynamic user interfaces, utilizing Angular for front-end development when required.
- Integrated Azure Blob Storage to manage and retrieve large datasets, reducing API load by 90%, and Collaborated with the DevOps team to automate deployment and testing using Jenkins, GitHub Actions, and Terraform
- Collaborated with team members, and project manager, instituted best coding practices, and introduced Agile methodology, leading to a 30% increase in team productivity.

Teleperformance Scotiabank - Financial Sales Representative

Jul 2022 — Apr 2023

- Complete the Credit product application documentation and set up the product for customers. Open new personal accounts (Credit Card, Chequing, Accounts, Line of Credit), and provide access to automated banking machines and online banking services.
- Provide inside Customer Service and sales expertise to all existing customers on Inbound/Outbound calls, improving customer satisfaction scores by 25%.
- Exceeded daily sales expectations, achieving a 10% increase in sales targets

Education

Conestoga College - PG Diploma in ITBA, Minor in Business

Gujarat Technological University - Bachelor's in Information Technology

Skills

Languages: Python, Java, C/C++, SQL (Postgres), JavaScript, HTML/CSS, Typescript, Linux, React, Node.js

Technical Tools: Flask, Django, FastAPI, Android, WebOS, Tizen, Git, Jenkins, Docker, Azure/AWS Cloud Platform

Soft Skills: Attention to detail, Teamwork, Working under pressure, Fast Paced Environments, Problem Solving, Growth

Projects

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

Tech Stack: Python (Django, Flask), Node.js, WebSockets, Cloudinary, PostgreSQL, NumPy, Pandas, PyTest

- Developed real-time video synchronization services using web services in Node.js & WebSockets, enabling seamless playback across multiple connected devices.
- Built a video wall feature by cropping and synchronizing videos dynamically using Cloudinary(third-party integration), enhancing multi-screen display configurations.
- Designed and implemented high-performance REST APIs using Django & Flask, supporting large-scale applications with optimized database interactions.