

Yogesh Selvam

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Objective: Student Co-op(4 Months), Winter 2025

Highlight of Qualifications

- **Software & Data Engineering:** Skilled in designing, coding, testing, and delivering software systems with proficiency in Java, Python, and SQL; solid understanding of data handling and back-office applications.
- **Data Analysis & Visualization:** Experienced in creating data insights and visualizations using Power BI and Excel to support data-driven decision-making.
- **Quality Engineering:** Ability to perform unit testing and identify data inconsistencies to ensure reliable software solutions.
- **Mobile Development Frameworks:** Proficient in Flutter, with knowledge in debugging, optimization, and testing tools including unit and integration testing.
- **App Deployment:** Experienced in App Store and Google Play submission processes.
- **Adaptable & Collaborative:** Demonstrated ability to learn new technologies quickly and work effectively within cross-functional teams.
- **Customer Service & IT Support:** Experienced in handling customer inquiries, managing help desk tickets, and providing high-quality customer service with attention to detail.
- **Technical Troubleshooting:** Skilled in diagnosing and resolving hardware and software issues efficiently.
- **Microsoft 365:** Proficient in using Word, Excel, PowerPoint, OneNote, and SharePoint for documentation and collaboration.

Technical Skills

- **Data Visualization:** Power BI, Tableau, Excel (data visualization, pivot tables)
- **Databases and SQL:** MySQL, Microsoft SQL, JSON, SQL (query development, data manipulation, joins)
- **Programming Languages:** Python (EDA, data cleaning), C#, Java, C++, JavaScript, Swift, Kotlin, HTML
- **Software Applications:** Microsoft 365, Adobe Creative Suite, Git, GitHub
- **Operating Systems:** Windows, macOS, iOS, Android
- **Mobile UI/UX:** Hands-on experience with Adobe XD and mobile UI/UX design principles

Professional Experience

Technical Manager, Sanum Sanguineas Solution Pvt Ltd, India

August 2021 – April 2024

- Developed complex SQL queries using update, merge, insert, and joins to support daily database operations, ensuring data quality and addressing performance issues.
- Designed and maintained database systems, allocating memory as per user requirements and optimizing for performance.
- Created functions, scripts, stored procedures, and triggers to facilitate application development and conducted thorough database testing.

- Certified in the operation and maintenance of VITASMART and DIGIPLA 90 Plasma Separator machines: trained clients and medical professionals on equipment functionality.
- Recruited, trained, and managed new team members, ensuring technical standards were met while balancing team workloads for project efficiency.
- Built strong client relationships by understanding their needs and offering customized solutions, contributing to client satisfaction and business growth.

Volunteer Experience

College Symposium Organizer

SRM Institute of Science and Technology, Chennai, India

Jan-2018

- Collaborated with faculty and student teams to plan and execute a successful college symposium, involving technical and cultural events.
- Assisted in coordinating event logistics, managing registrations, and overseeing on-site support, contributing to a smooth and engaging experience for participants.
- Developed communication skills and team collaboration, working closely with diverse groups to meet event objectives.

Projects

Inventory Management System (ASP.NET, JSON)

May 2024

Conestoga College, Waterloo, On

- Developed an inventory management system for a small plant nursery using .NET 8 and JSON for data handling.
- Developed an taxi booking system for a small business to book and view the booking using NET 8 and JSON for data handling.

Mobile App Prototypes

May 2024

- Built prototypes of mobile applications using Xcode, focusing on performance and user-centric design.
- Designed the front end and backend to make the app work.

Mobile Banking application.

May 2024

- Designed UI for Banking Mobile application and website for Art Gallery using Adobe XD

Education

Post-graduate Certificate in Mobile Solutions Development

Conestoga College, Waterloo, ON

May 2024 – Expected Graduation: August 2025

Bachelor in Electronics and Communications Engineering Degree

SRM Institute of Science and Technology, India

August 2016 – May 2020