

Ganesan Santhanam

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KEY ACCOMPLISHMENTS

- **Led end-to-end development of full-stack web projects using React and TypeScript**, focusing on **user empathy and product feedback**, and continuously iterating based on **internal and external user insights**.
- **Demonstrated a growth mindset** by proactively seeking **learning opportunities from challenges**, using experimentation and feedback to drive **incremental product improvements**.

WORK EXPERIENCE

Maxil Technology Solutions

May 2024 — Present

Software Engineer

Oak Brook, IL

- Spearheaded the development of a **responsive web dashboard using React.js, Node.js, and MongoDB**, prioritizing **user-centered design** and leveraging RESTful APIs for real-time feedback loops.
- **Enhanced backend performance** with SQL optimizations and **cross-functional collaboration**, resulting in improved **user engagement** metrics and efficiency gains.

BestRx Pharmacy Software

Aug 2023 — Apr 2024

Software Engineer

Oak Brook, IL

- Developed an automated **insurance claims system** with ASP.NET Web API, significantly enhancing data processing times while aligning solutions with **user and business feedback**.
- Improved **product handling and accuracy** by implementing an interface for tracking requests, leveraging **user feedback to inform design** and optimize workflows.
- **Enhanced backend reliability** and user experience by optimizing multi-threaded services, ensuring smooth **end-to-end system performance**.

Autoreview.ai

May 2022 – Dec 2022

Software Engineer Intern

Gainesville, FL

- Built an **automated document versioning system** using Azure Blob Storage and .NET, independently managing timelines and ensuring **workflow efficiency**.
- **Improved data tracking and compliance** by developing an enhanced audit trail system with MongoDB, providing accurate data insights to support user needs.
- Experimented with **Google Vision and TensorFlow for context extraction**, contributing to **machine learning efforts** and enhancing document processing accuracy.

Infosys

July 2018 – July 2021

Senior Software Engineer

India

- **Reduced system response times by 3x** through test-driven design (TDD) and dependency injection in .NET, fostering **incremental improvements and growth-oriented practices**.
- Addressed **SQL Server performance issues** with caching and async processing, consistently optimizing for **user and product value**.
- Migrated legacy reporting systems to Power BI, **increasing data accuracy** and enhancing **user analytics capabilities** with SQL Server integration.

TECHNICAL SKILLS

Programming Languages: C#, Python, JavaScript, TypeScript, Kotlin, Objective-C, Swift

Frameworks: .NET, React, React Native, Node.js, Angular, ASP.NET Web API

Mobile Development: React Native, Kotlin, Objective-C, Swift

Cloud: Google Cloud Platform (GCP), AWS, Azure

Databases & Message Queues: SQL Server, MongoDB, PostgreSQL, Redis

Other Skills: Growth Mindset, Experimentation, Product Feedback Integration, Debugging, Troubleshooting

EDUCATION

University of Florida

Aug. 2021 – May 2023

Master's of Science in Computer Science

Gainesville, Florida