

Sachin Thomas

✉ sachq1@gmail.com

☎ (248) 918-8263

in [linkedin.com/in/sachq](https://www.linkedin.com/in/sachq)

🐙 github.com/sachq

🏠 Troy, MI

Professional Summary

Software Engineer with 10+ years of progressive experience, evolving from Web Designer to Full-Stack Developer. Known for quickly mastering new technologies and frameworks to deliver innovative solutions. Brings a unique blend of design thinking and technical expertise to enterprise applications across multiple industries.

Key Achievements:

- Rapid adoption of new frameworks and technologies as needed
- Full-stack expertise spanning Angular, Flutter, and Node.js
- 6+ years specialized in complex data-intensive applications
- Strong foundation in UI/UX design combined with robust full-stack development capabilities
- Provided technical leadership and mentorship to team members while managing day-to-day challenges
- Consistent track record of successful client project delivery across multiple industries

Professional Experience

Software Engineer

Latcha & Associates Inc.

[2020 - Present]

– Car-Net Real-time Communication

Architected and led development of enterprise marketing automation system processing real-time vehicle telemetry data.

Technical Achievement: Successfully integrated VW Car-Net vehicle telemetry system with marketing platform to deliver real-time customer communications.

Scale: Platform serves 4 million+ customers across multiple US regions (Eastern, Central, South East, Pacific).

Technical Stack: Node.js, Angular, Jenkins, RESTful APIs.

Leadership: Led cross-functional teams in daily deployments and rapid issue resolution.

– Marketing IQ - Volkswagen US

Led comprehensive platform upgrade initiative for Volkswagen's dealer marketing system

Technical Achievement: Successfully executed parallel migrations of Node.js backend to LTS version and Angular frontend upgrade.

Key Impact: Maintained zero downtime during migrations while serving thousands of dealers

across regions

Innovation: Developed custom lightweight modules to replace heavyweight dependencies, optimizing platform performance

Scale: Manages marketing campaigns for 4M+ customers while maintaining system responsiveness

– Marketing IQ Enhancements

Spearheaded UX/UI optimization initiative for multi-tier marketing platform

Technical Achievement: Redesigned and optimized APIs for improved performance and user experience

Business Impact: Streamlined workflow for dealers, regional managers, and program administrators

Technical Stack: Angular, Node.js, RESTful APIs

Leadership: Guided team through large-scale codebase refactoring while maintaining daily delivery schedules

Innovation: Implemented data-driven UI improvements based on user feedback and system analytics

– Continuous Delivery Pipeline

Established robust CI/CD infrastructure for daily deployments

Technical Achievement: Implemented automated deployment pipelines using Jenkins

Key Impact: Enabled reliable daily releases while maintaining system stability

Scale: Successfully manages deployments across multiple regions and user tiers

Leadership: Coordinated with cross-functional teams to establish efficient issue resolution protocols

Software Engineer

CrowdANALYTIX

[2015 - 2020]

– Belongings Check - Care Center Management Platform

Architected and developed a cross-platform solution using Flutter (iOS/Android) after initially exploring a PWA approach with Angular and WebRTC.

Technical Achievement: Architected and developed a cross-platform solution using Flutter (iOS) and Angular (PWA) that processed real-time video streams for automated belonging identification

Key Impact: Reduced check-in/check-out time by implementing AI-powered speech recognition and computer vision, streamlining caretaker workflows

Technical Stack: Flutter, Angular (initial PWA prototype), WebRTC

Leadership: Spearheaded design and development across mobile and web platforms while mentoring team members

– dataX Platform - Enterprise Data Intelligence Suite

Architected a comprehensive data structuring and AI prediction platform used by Fortune 500 clients

Technical Achievement: Built a scalable platform handling bulk image processing and AI model integration

Business Impact: Enabled clients to transform unstructured data into AI-ready datasets, accelerating their ML initiatives

Scale: Processed millions of data points while maintaining sub-second response times

Technical Stack: AngularJS, Webpack, RESTful APIs

Innovation: Developed a novel demo module that became a key sales tool, showcasing real-time AI predictions

– dataX Sync - GS1 Certification Platform

Led development of a mission-critical product certification platform for major brands

Technical Achievement: Implemented complex GS1 specifications while maintaining a user-friendly interface

Business Impact: Generated new revenue stream through Stripe payment integration

Scale: Successfully processed certifications for thousands of products

Compliance: Ensured platform met all GS1 certification requirements while maintaining optimal performance

– Catalog Repository - Enterprise Data Management System

Architected and implemented a high-scale product catalog system serving data science teams

Technical Achievement: Built a distributed system handling 10M+ products with sub-second query response

Technical Stack: Node.js, Express.js, Redis, MongoDB, Angular

Scale: Implemented Redis-based queue system for optimized data processing

Compliance: Achieved 99.9% uptime while handling concurrent requests from multiple data science teams

– GitLab Infrastructure Migration

Led version control infrastructure upgrade initiative for development team

Technical Achievement: Successfully set up and configured GitLab CE on cloud infrastructure

Implementation: Configured and deployed GitLab CE on cloud infrastructure

Impact: Improved developer productivity by implementing modern version control workflows

Maintenance: Established robust backup systems and security update protocols

S&J Aviations

Systems Administrator

[2014 - 2015]

– Network and Web Infrastructure - S&J Aviations

Managed IT infrastructure and web presence as Systems Administrator

Technical Achievement: Managed IT infrastructure and web presence as Systems Administrator

- Implemented remote network monitoring and management system
- Designed and deployed company website
- Set up DNS filtering system for workplace security

Key Impact

- Enhanced network security through DNS-level content filtering
- Improved workplace productivity by restricting access to non-work websites
- Established company's online presence through website development

Technical Stack: Network management tools, DNS management, HTML5/CSS, Javascript, PHP

Operations

- Maintained network infrastructure
 - Handled remote system administration
-

Karunya University - EWYL Program

Web Designer— Photographer

[2015 - 2020]

– University Web Design Initiative - Karunya University

Selected for Earn while you learn program (EWYL) as University Web Designer — Photographer

Role: Systems Administrator responsible for network management, DNS filtering implementation, and company website development.

Creative Impact

- Served as official student photographer for university website content
- Created brochures and design assets using Adobe tools

Technical Stack: HTML/CSS, Adobe Photoshop and Illustrator

Key Contributions

- Managed photography sessions by recruiting and co-ordinating student volunteers

- Delivered visual content for university's web presence
- Designed and implemented Admissions website
- Developed marketing materials using design tools

Technical Skills

Core Programming Languages

- Primary: TypeScript, JavaScript
- Secondary: Python, Dart

Frontend Development

- Frameworks: Angular, React, Flutter, Vue.js
- UI/UX: HTML5, CSS, SCSS, jQuery
- Design Tools: Adobe Suite, Figma
- Visualization: d3.js
- Documentation: Swagger/OpenAPI
- Utilities: Lodash, jQuery

Backend Development

- Runtime & Frameworks:
 - Node.js Ecosystem: Node.js, NestJS
 - Python Ecosystem: Django, FastAPI
 - Other: Deno

Data & Storage

- Databases: MSSQL, PostgreSQL, MySQL, MongoDB
- Caching & Search: Redis, Elasticsearch
- Data Processing: Python Pandas

Cloud & Infrastructure

- Major Platforms: AWS, Azure, Google Cloud
- Specialized Services: DigitalOcean, Cloudflare

AI & Machine Learning

- LLM APIs: OpenAI, Anthropic Claude, Google Gemini

DevOps & Tools

- Containerization: Docker
- CI/CD: Jenkins
- Version Control: Git
- System Tools: SSH, Handful of CLI Tools

- API Testing: Postman

Operating Systems

- Unix-based: MacOS, Linux (Ubuntu)
- Other: Windows

Education

B.Tech Information Technology (Engineering)

Karunya University, India

[2008 - 2013]