

Sachin Thomas

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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
- Advanced from UI/UX design to system architecture
- Led technical teams and mentored junior developers
- Track record of successful client project delivery

Professional Experience

Software Engineer

Latcha & Associates Inc.

[2020 - 2025 (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 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

Led end-to-end development of an innovative mobile and web platform that revolutionized care center operations

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: AngularJS, Webpack, RESTful APIs

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

Catalog Repository - Enterprise Data Management System

Led version control infrastructure upgrade initiative for development team

Technical Achievement: uccessfully 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

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: uccessfully set up and configured GitLab CE on cloud infrastructure

Creative Impact

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

Technical Stack: HTML/CSS, Adobe Photohsop and Illustrator

Key Contributions

- Managed photography sessions by recruiting and coordinating student volunteers
- Delivered visual content for university's web presence
- Designed and implemented Admissions website
- Developed marketing materials using design tools

Core Skills

Programming Languages (based on usage) TypeScript, JavaScript, Python, Dart

Frontend HTML5, CSS, SCSS, Angular, React, Flutter, jQuery, Vue.js, Adobe Suite, Figma, d3, loadash, Swagger/OpenAPI

Backend Node.js, Deno, NestJs, Django, FastAPI

Data Python Pandas

Cloud Infrastructure AWS, Azure, Google Cloud, DigitalOcean, Cloudflare

AI Platforms OpenAI API, Anthropic Claude API, Google Gemini API

DevOps Docker, SSH, CLI Tools, VirtualBox, Jenkins, Github, Gitlab, Postman

Operating Systems MacOS, Linux (Ubuntu Distribution mostly), Windows

Education

B.Tech Information Technology

Karunya University, India

[2008 - 2013]