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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

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

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: successfully 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

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: Github, Gitlab
- System Tools: SSH, CLI Tools, VirtualBox
- API Testing: Postman

Operating Systems

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

Education

B.Tech Information Technology

Karunya University, India

[2008 - 2013]