

RESUME

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Profile Summary

Principal engineer with over ten years of experience in full-stack development specializing in scalable web apps. Achievements include leading the development of the PrecisePrice tool, reducing car price calculations by 50x and increasing conversion rates by 30%. Recognized as 'Engineer of the Quarter' for implementing automated data workflows that improved ETL job execution times by 35%.

Experience

Principal Engineer at AiPalette from March 2023 to present

Roles & Responsibilities:

- Created FoodGPT, leveraging Langchain, vector databases, and contextual searching to reduce trend discovery time by 50%.
- Enhanced web application performance by 20% through code and database optimizations, improving response times and user experience.
- Architected, engineered, and deployed a new web application, increasing sales and customer retention while boosting user engagement by 50%.
- Optimized search functionality with Elasticsearch, merging queries and building indices, reducing refresh times by 40%.
- Implemented Apache Airflow to automate data workflows, reducing processing times by 35% and enhancing pipeline reliability.

Senior Software Engineer II at Dealersocket from October 2020 to March 2023

Roles & Responsibilities:

- Led **PrecisePrice** tool development, reducing car price calculation times by **50x**, boosting conversion rates by **30%** with real-time, data-driven pricing.
- Built scalable ETL/ELT pipelines, integrating **800+ data sources** into the CRM, ensuring data consistency across **500K+ records**.
- Engineered DealerFire and Engine6, enabling 5x faster deployment of customized websites for car dealers.
- Enhanced app performance by **25%** through collaboration with product teams, embedding best practices for maintainability.
- Containerized applications with Docker, cutting release cycle times by **20%** for high-traffic dealer websites.

Senior Software Developer at Conviva from April 2019 to October 2020

Roles & Responsibilities:

- Led development of a real-time event processing app handling millions of events, optimizing SDK integrations to enhance data accuracy and reducing SDK test time by 40%.
- Optimized ETL pipelines for analyzing event data, achieving a 2x improvement overall and enabling deeper insights into SDK functionality and usage patterns.

- Designed event-driven systems with queue processing to manage high-volume event streams, reducing processing costs by 20% and ensuring efficient data flow.
- Collaborated with cross-functional stakeholders to launch a web application with 99.9% uptime and advanced monitoring capabilities for performance tracking.
- Developed streamlined pipelines using Docker and Kubernetes on AWS, improving release reliability from bi-weekly to daily updates without downtime.

Senior Software Developer at CompassitesInc from December 2017 to March 2019

Roles & Responsibilities:

- Led a team as module lead for travel industry web applications, developing robust and scalable systems, reducing delivery time by 2x.
- Led backend architecture solutions using Docker in CI/CD frameworks, reducing manual deployment time by 30 hours per month through automation.
- Implemented comprehensive task breakdowns to ensure on-time delivery of features, reducing project delays by 25% and enhancing workflow efficiency.
- Spearheaded initiatives with the QA team to automate test coverage, increasing efficiency by cutting manual testing efforts from an estimated 40 hours per month.
- Conducted code reviews to uphold standards, reduce technical debt, and ensure consistent, high-quality deliverables while meeting agile methodologies.

Senior Software Developer at Happylocate from September 2017 to December 2017

Roles & Responsibilities:

- Core developer in building a travel industry platform from scratch with Laravel, VueJS, and ReactJS, reducing go-to-market time by 10x for scalable web applications.
- Led module development, integrating third-party services and ensuring the system's robustness and performance.
- Drove cross-functional initiatives to create scalable applications, resolving key usability issues identified during testing phases.

Software Developer at Macavv from June 2014 to September 2017

Roles & Responsibilities:

- Co-founded Macavv to provide custom web and mobile application development services, reducing go-to-market time for clients by 10x.
- Spearheaded the entire software development lifecycle, delivering solutions that ensured 99% uptime and met performance benchmarks for over 10+ clients.
- Architected scalable databases and tech stacks, delivering 10+ applications ahead of schedule while improving responsiveness by 25%.

Education

- **M.Sc. (Computer Science)**, South Asian University, New Delhi, 2014.
- **PGDSD (Post Graduate Diploma in Software Development)**, International Institute of Information Technology, Bangalore, 2011.
- **B.Sc. (Computer Science, Mathematics, Electronics)**, Christ College (Autonomous), Bangalore University, 2010.