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Profile Summary

Full Stack Software Engineer with 10+ years of experience in scalable web applications, distributed systems, data engineering and cloud-native development. Architecting, coding, designing, and deploying end-to-end solutions that enhance performance, streamline processes, and deliver measurable business impact.

Technical Skills

Languages : Python, JavaScript, Java, PHP, SQL
Frameworks : React.js, Vue.js, Node.js, FastAPI, Flask, Django, Laravel, Spring, RAG, LLM, GenAI, GraphQL, PyTest, Jest, Mocha, Selenium
Data & Cloud : Spark, Kafka, Airflow, AWS, PostgreSQL, MySQL, MongoDB, Redis, ElasticSearch, Snowflake
Tools & DevOps : Git, Docker, Kubernetes, Jenkins, Grafana, ELK Stack, Jira

Professional Experience

AiPalette Bangalore, Karnataka
Principal Engineer March 2023 - Present

- Developed **FoodGPT** using LangChain, vector databases, and contextual searching with LLMs, reducing trend discovery time by 50%.
- Architected a new, **data-intensive** web application with enhanced UI and features, boosting customer experience and platform stickiness by 56%.
- Created a scalable **ETL** process with Airflow, Spark, and ElasticSearch to enrich 20-30 million monthly social media posts, reducing refresh time by over 15 days.
- Transitioned legacy deployment from manual zip uploads to a **Docker-based CI/CD pipeline**, collaborating with DevOps to fully automate microservices deployment, ensuring zero downtime.
- Optimized data enrichment processes using multiprocessing, and implemented database sharding in PostgreSQL to maintain sub-second query performance on large metrics tables.

Dealersocket Bangalore, Karnataka
Senior Software Engineer III October 2020 - March 2023

- Led the end-to-end development of PrecisePrice, a car price estimation app that integrated 50+ distinct data inputs; this innovation increased back-end gross revenue by 17% annually.
- Led the design and development of ETL and ELT pipelines, integrating data from over 800 sources into the CRM, ensuring data consistency and scalability.
- Implemented DealerFire's configurable backend, enabling dealerships to create custom websites with CRM, inventory, and OEM integrations, resulting in a 44% increase in sales from leads.
- Engaged in product planning, roadmap and strategic discussions with managers and directors, providing insights on data-driven solutions for product growth.

Conviva Bangalore, Karnataka
Senior Software Developer April 2019 - October 2020

- Led the development of a real-time web application for processing and monitoring millions of events, enhancing SDK integration, which resulted in 20% faster integrations and reduced errors.

- Designed and optimized ETL pipelines for ingesting, transforming, and analyzing event data, providing insights into SDK functionality and usage patterns.
- Delivered APIs enabling internal teams streamlined access to real-time and historical event data for deep analysis and troubleshooting.

CompassitesInc

Senior Software Developer

Bangalore, Karnataka

December 2017 - March 2019

- Led a team of 4 developers as a module lead, ensuring the development of robust, scalable web applications for the travel industry.
- Led the integration of four plus external APIs into an existing travel application, enabling real-time updates and reducing manual input errors by 75%, resulting in a more efficient workflow for end users.
- Automated GraphQL query generation tool from database tables, reducing development time by 25 weeks and enhancing overall project workflow efficiency while supporting rapid application deployment.

Happylocate

Senior Software Developer

Bangalore, Karnataka

September 2017 - December 2017

- As one of the founding developers, contributed significantly to building a scalable travel industry platform, achieving a tenfold reduction in go-to-market time for the company.
- Integrated GRN booking systems and PMS tools, along with a comprehensive vendor dashboard, enhancing operational efficiency and streamlining the booking process for better user experience.
- Developed corporate, customer, partner, and affiliate dashboards, achieving an 80% reduction in manual intervention time and significantly enhancing operational efficiency.

Macavv

Software Developer

Bangalore, Karnataka

June 2014 - August 2017

- 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 90% 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%.

Projects

Wildsonic

- A web based audio annotation tool for wildlife conservation, enabling collaborative spectrogram based annotations with D3.js, React, FFMPEG, Node.js, and Python.

Awards & Certifications

- **OdeToCode Hackathon Winner** DealerSocket
Awarded for winning a company-wide hackathon, demonstrating innovative solutions and technical skill.
- **Two-time Star of the Month** DealerSocket
Recognized twice for outstanding contributions, dedication, and excellence in team projects.

Education

South Asian University

M.Sc, Computer Science

New Delhi, India

August 2012 - June 2014

International Institute of Information Technology - Bangalore

Post Graduate Diploma in Software Development

Bangalore, India

August 2010 - July 2011

Full Stack Development, Data Engineering, Frontend & Backend, API Design, Problem Solving, Product Development