

Anand Yadav

Principal Software Engineer

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Summary

Dynamic Principal Software Engineer with over 12 years of experience in designing and implementing AI-driven software solutions. Proficient in leading development teams and enhancing operational efficiency, resulting in a 75% reduction in costs and a 55% increase in system performance. Successfully delivered multiple projects while mentoring engineers to adopt best practices. Committed to leveraging deep technical expertise to drive innovation and elevate the standards of software engineering at any organization.

Work Experience

Principal Software Engineer, Firmway, Mumbai, India

04/2024 – Present

- Architected and led the end-to-end development of Firmway's FinTech platform, establishing a secure, scalable architecture for financial data automation and reconciliation.
- Engineered and deployed high-performance software systems, improving system reliability and throughput by 55%.
- Directed cross-functional teams, driving adherence to coding standards, design patterns, and fostering a culture of continuous improvement and mentorship.
- Designed and implemented a microservices architecture using Python (FastAPI, Django) and Java (Spring Boot) for modular, maintainable services in a financial data environment.
- Developed and orchestrated ETL pipelines using Python and Apache Airflow to automate ingestion, transformation, and loading of large volumes of financial data across services.

Technical Lead, Firmway, Mumbai, India

06/2019 – 04/2024

- Led the backend architecture initiative for Firmway's FinTech platform, which supported automated financial reconciliations and provided real-time data processing for enterprise clients.
- Directed the development team to establish the technical roadmap and uphold code quality, resulting in a 55% enhancement in overall system performance.
- Functioned as the chief technical problem solver and supervised project execution, resulting in a 75% cut in operational costs.
- Mentored junior engineers by emphasizing best coding practices and fostering a culture dedicated to continual improvement.
- Technology Stack: Java, Spring Boot, Python, FastAPI, Apache Airflow, Nest.js, PHP, MySQL, MongoDB, Kubernetes, Docker, AWS Cloud.

Senior Software Engineer, Firmway, Mumbai, India

02/2017 – 06/2019

- Developed a web portal utilizing a variety of technologies, including PHP, Java, Node.js, and AWS services.
- Conceptualized and implemented key features and enhancements for the web application.

Senior Software Engineer, TNX labs, Mumbai, India

08/2016 – 02/2017

- Orchestrated a team to build web and mobile applications, delivering 4 successful projects within a single year.

Software Engineer, 10X Smart Technologies, Mumbai, India

09/2015 – 08/2016

- Contributed to web application development by creating REST APIs and utilizing frameworks such as CodeIgniter and Laravel.

Software Developer, ALG Technosys, Mumbai, India

05/2014 – 07/2015

- Developed over 10 web and mobile applications, coordinating effectively with a team to meet client specifications.

Education

Master's Degree, MCA, Sikkim Manipal University, Manipal, India

08/2012 – 09/2015

Postgraduate Diploma, PGDA, NIIT, Mumbai, India

09/2007 – 09/2010

Bachelor's Degree, Psychology, Banaras Hindu University, UP, India

07/2004 – 08/2007

Skills

Java Python PHP Node.js JavaScript React MongoDB MySQL
SQL Redis SpringBoot CI/CD Kubernetes Terraform Docker
Apache Airflow AWS GCP Problem-solving Distributed Computing
Scalability Agile

Languages

English Fluent Hindi Native