

Suraj Rathod

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SUMMARY

Experienced Lead Engineer with 11+ years of expertise in PHP and Python development, specializing in building scalable e-commerce systems with millions of users. Skilled in AI-driven product recommendation engines, RESTful architectures, and backend microservices. Strong leader with a track record of upgrading tech stacks, mentoring teams, and optimizing high-traffic systems. Currently exploring Golang to expand backend engineering expertise.

SKILLS

Proficient in	PHP, Python, MySQL
Frameworks	Laravel, Django, FastAPI, CodeIgniter, Ionic
Frontend Technologies	Angular, JavaScript, jQuery, HTML, CSS
API & Testing	REST APIs, SOAP, Swagger, PHPUnit, Pytest, Locust
Tools	Git, Docker, Jenkins, OpenShift, Datadog
Expanding Skills in	Go (Golang)

WORK EXPERIENCE

Newfold Digital

Lead Engineer

Apr 2020 – Present

- Led AI-driven product recommendation initiatives, increasing user engagement and boosting conversion rates.
- Built high-performance backend systems for domain and hosting products in PHP.
- Designed and maintained scalable REST APIs across multiple business units.
- Developed a Shopping Cart microservice using Python 3 and FastAPI, serving multiple brands.
- Directed tech stack modernization projects, creating upgrade documentation for maintainability.
- Mentored junior developers, improving team technical capabilities and project delivery.
- Implemented real-time monitoring and automated alerting to enhance system reliability.

Tata Consultancy Services

IT Analyst

Sep 2018 – Mar 2020

- Developed a high-performance local search engine (connect.ae) providing efficient search results.
- Built customer-facing mobile apps with Ionic and AngularJS, improving user engagement.

Mphasis

Dec 2016 – Sep 2018

Delivery Software Engineer

- Reduced application errors by 90% by implementing robust permanent fixes.
- Enhanced performance of insurance agent apps, driving revenue growth.
- Awarded **Performance Excellence Award** by TATA AIA Life for outstanding contributions.

Trimax IT Infrastructure and Services

Jan 2015 – Dec 2016

Software Developer

- Designed and developed a state transport online bus ticketing platform.
- Integrated APIs from multiple transport agencies offering customers a wide booking choice.
- Mentored a team of 8 developers, fostering skills development and project success.

Efurtherance

Nov 2013 – Nov 2014

PHP Developer

- Developed an innovative e-learning platform allowing students to access online education.

PROJECTS

Shopping Cart Microservice

- Built a scalable, brand-agnostic shopping cart service handling millions of requests daily.
- Designed for high availability, persistence, and detailed cart analytics.

Online Bus Ticket Booking System

- Created an integrated booking platform for MSRTC, RSRTC, UPSRTC, HRTC, and private operators.
- Recognized internally for robust architecture and operational excellence.

Insurance & Reporting Mobile Applications

- Built mobile solutions for agent onboarding, insurance sales tracking, and management reporting.

EDUCATION

University of Mumbai

Bachelor's Degree, 2012

AWARDS

- Michael Porter Award for Business Effectiveness – Newfold Digital
- Performance Excellence Award – TATA AIA Life (2017-18)
- Star Performer Award – Mphasis (Q4 FY'18)
- The Summit Award – Mphasis (June 2017)
- Star Recognition – TATA AIA Life