

Keyur Panchal

Staff Software Engineer

✉ keyurpanchal.17@gmail.com ☎ +91-8866507477 📍 Pune 📅 14 Years of experience

Profile Summary

Seasoned Staff Software Engineer with 14+ years of expertise in designing and developing scalable web ecosystems. Skilled in microservices architecture, event-driven systems, and architectural governance, driving robust and efficient solutions. Demonstrated success in optimizing system performance and leading high-performing engineering teams to deliver innovative, high-quality software products. Adept at fostering collaboration and implementing best practices to achieve strategic technical goals.

Key Skills

Laravel Core PHP GraphQL System Design Performance Distribution System Scalability Nestjs
Technical Architecture React.js Vue.js Postgresql Terraform AWS Microservices Team Leading
Agile Methodology Cloud Computing

Work Experience

Staff Software Engineer - Entrata India Pvt. Ltd.

Mar 2023 - Present

Entrata India Pvt. Ltd.

- Leveraged Cursor AI coding assistant to develop code, achieving an acceptance ratio above 80%, enhancing code accuracy and efficiency.
- Mentored and guided a team of 4 engineers, boosting code quality by 30% and increasing deployment reliability by 25%.
- Designed and implemented scalable distributed systems that increased scheduled job efficiency by over 90%, significantly reducing operational overhead.
- Architected a serverless job scheduling framework using AWS Lambda and EventBridge, modernizing legacy task orchestration and improving system scalability.
- Established and maintained Architectural Decision Records (ADRs) to standardize and streamline technical decision-making across cross-functional teams.
- Collaborated with product and engineering leadership to define strategic system design initiatives, aligning technical direction with business goals.
- Implemented robust monitoring and observability solutions with New Relic and CloudWatch, ensuring 99.9% system availability and enabling proactive incident management.

Technical Lead - Cygnet Infotech Pvt. Ltd.

Jul 2015 - Mar 2023

Cygnet Infotech Pvt. Ltd.

- Designed and delivered scalable, high-availability web applications for global clients across Europe, Australia, and the USA, enhancing user experience and system reliability.
- Led cross-functional teams of 3-4 engineers to develop and deploy secure, high-performance distributed systems, ensuring robust data integrity and system scalability.
- Optimized application performance by 90% through strategic database tuning, query refactoring, advanced indexing techniques, and architectural enhancements.
- Engineered an internal development accelerator framework that reduced development cycle time by 40%, significantly boosting team productivity and accelerating time-to-market.

Senior PHP Developer - Communication Crafts Pvt. Ltd.

Jun 2012 - Jul 2015

Communication Crafts Pvt. Ltd.

- Spearheaded the adoption of Laravel framework, successfully delivering the company's inaugural Laravel-based project 20% ahead of schedule.
- Developed and deployed scalable full-stack applications utilizing CorePHP, Laravel, and JavaScript, enhancing application performance and user experience.
- Streamlined maintenance workflows, boosting development efficiency by 50% through process optimization and

automation.

- Designed system architecture and executed database modeling for enterprise-grade applications, improving data integrity and application scalability.

Projects

OXP

18 Months

- Developed OXP, a comprehensive product designed for property users, enhancing awareness of daily workflow tasks to boost productivity.
- Collaborated with cross-functional teams to integrate configurable AI agents, centralizing agent management within the product.
- Streamlined document management capabilities, resulting in improved approval processes and effective training initiatives.
- Enhanced user experience by implementing intuitive interfaces and simplifying task management workflows.
- Utilized Microservices, Microfrontend, and BFF layers to ensure scalability and maintainability of the application.

Lobby Display

21 Months

- Developed a dynamic single-page web application for Entrata, designed for display on TV screens in residential properties.
- Enhanced resident engagement by providing access to critical information, including contact details, package updates, news, and important announcements.
- Implemented a user-friendly interface to ensure residents can easily navigate and retrieve essential information.
- Collaborated with cross-functional teams to ensure seamless integration of application features and optimal performance.

Parcel Alert

21 Months

- Developed the "Parcel Alert" application for Entrata to streamline parcel management.
- Engineered a solution for property agents to seamlessly log parcels via the SiteTablet app.
- Enhanced communication by enabling property agents to inform residents about parcel pick-up and delivery statuses.
- Delivered a user-friendly product that improved overall parcel handling efficiency and resident satisfaction.

Education

B.Tech / B.E. | Information Technology

2012

Gujarat Technological University, Ahmedabad

Grade - 6.00/10

12th

2008

Gujarat, Gujarati

Marks - 80-84.9%

10th

2006

Gujarat, Gujarati

Marks - 85-89.9%

Additional Information

Languages: English, Gujarati, Hindi

Social Links

<https://www.linkedin.com/in/keyur-panchal-22410a33/>