

Bijoy Vijayachandran

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Profile

Results-driven Software Engineering Manager with over 18 years of experience leading high-performing teams to deliver innovative web applications. Proven expertise in the payments domain, cloud environments, and Agile methodologies. Adept at mentoring engineers, fostering cross-functional collaboration, and optimizing operational processes to drive efficiency and revenue growth. Recognized for a customer-first approach and a strong focus on scalability, security, and performance. Recipient of the Trail Blazer Award for excellence in iOS development.

Work Experience

Engineering Manager

PayPal India Pvt Ltd

Aug 2021 – Oct 2023 (Officially titled on Mar 2022)

- Led a team of 8 engineers in designing and implementing scalable payment systems, fostering innovation and high performance.
- Delivered high-quality N-tier web applications in a cloud environment, leveraging Java, Go, and modern tech stacks.
- Spearheaded initiatives to improve payment processing efficiency, reducing downtime and enhancing scalability.
- Collaborated with product owners to define feature requirements, build product roadmaps, and align team priorities with organizational goals.
- Managed OKRs, driving continuous improvement in team performance and delivery metrics.
- Mentored engineers through one-on-one sessions, career coaching, and technical guidance, contributing to their growth and retention.
- Played a key role in tech recruitment, designing hiring plans, and ensuring the onboarding of top talent.
- Whiteboarded and implemented scalable system designs in partnership with architects and tech leads, focusing on the payments domain.
- Championed production issue resolution, ensuring minimal disruption to payment services.

Team Lead

PayPal India Pvt Ltd

Apr 2015 – Jul 2021

- Spearheaded migration infrastructure to Google Cloud, enhancing scalability and reducing downtime.
- Championed innovation by researching new technologies and leading discussions on architectural improvements.

- Integrated services using Google Datastore and Pub/Sub for efficient workload orchestration.
- Implemented Docker-based containerization to optimize the development process
- Acted as a bridge between engineering teams and business stakeholders to align technical goals with business objectives.

Software Engineer

PayPal India Pvt Ltd

Oct 2007 – Mar 2015

- Developed automation utilities for DevOps, focusing on scalable, secure solutions for testing and release management.
- Designed and developed RESTful APIs and microservices architecture to streamline payments processing.

Software Engineer

Covansys India Pvt Ltd

Dec 2005 – Sep 2007

- Worked as a contractor to PayPal, developing automation utilities for DevOps.

Software Engineer

Team e Biz Pvt Ltd

Apr 2003 – Nov 2005

- Developed web portals and examination software using Microsoft technologies.

Skills

- **Leadership & Mentorship:** Successfully managed and mentored teams in web and cloud development.
- **Payments Expertise:** Extensive experience in designing and scaling payment systems with a focus on security and reliability.
- **Web & Cloud Engineering:** Proficient in building N-tier applications in cloud environments (Google Cloud).
- **Technology Stack:** JavaScript, Java, Go, Docker, microservices, REST APIs, Google Cloud, NoSQL, message queues.
- **Agile Methodologies:** Deep understanding of Agile, Scrum practices for fast-paced, high-quality deliverables.
- **Cross-functional Collaboration:** Worked closely with product owners, architects, and operations teams.
- **Process Optimization:** Expertise in automation, A/B testing, and driving cost savings through process improvements.
- **Innovation:** Research-driven approach to adopting and scaling new technologies

Achievements

- **Trail Blazer Award:** Recognized for developing an iOS app using Swift in an internal app development contest.
- **Certificates of Distinction:** Completed courses on *Functional Programming in Scala* and *Principles of Reactive Programming* from École Polytechnique Fédérale de Lausanne
 - **Payment System Efficiency:** Achieved a 5% reduction in operational costs through process automation.

Education

DOEACC, New Delhi: Diploma in Computer and Information Technology