

Adarsh Kumar

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CAREER SUMMARY

Senior Software Engineer • Tech Lead • Solutions Architect • Blockchain Developer

- **Results-driven and Detail Oriented Tech Lead** at Xendit, a prominent Southeast Asian fintech company, with 6+ years of expertise. I'm known for providing swift feedback to businesses and ensuring the delivery of high-quality products to customers.
- **A "best of both worlds" software engineer** specializing in Full Stack, Database Tools, Testing tools, AWS, and building scalable automation frameworks and tools tailored to business requirements to deliver robust ROI
- **A team player** actively engaged in all SDLC stages, developed comprehensive development and test strategies, plans, and release strategies. Collaborating closely with project managers, design, and development teams to deliver functional and non-functional application requirements.
- **One-time founder** and former CTO of an e-commerce startup, establishing tech vision for engineers, and aligning teams for success. Successfully implemented the tech stack 0-1, enabling expansion to multiple locations.

KEY SKILLS

- Problem-Solving
- Critical & Contextual Thinking
- Test Planning & Strategy
- CI/CD Integrations
- Test Driven Development
- Full Stack Development
- Blockchain Development
- AWS, Microservices
- Performance Testing
- API Testing
- Team Collaboration
- Stakeholder Communication
- Agile/Scrum Methodologies
- Issue Investigation
- Code Optimization

TOOLS

- JavaScript, Golang, Python
- Reactjs, Next.js, Node.js
- Smart Contracts ERC20, ERC71
- Web3, Solidity
- Cypress, Jest, Mocha, Ganache
- Postman, Rest Assured
- SQL, Postgres, MongoDB
- Git, Github, Buddyworks
- Pagerduty
- Datadog, Splunk
- Jira, XRay, Rally, Bugzilla
- Retool, Zapier, Pipedream
- Asana, Trello, Slack
- Launch Darkly
- Figma, openzeppelin

PROFESSIONAL EXPERIENCE

XENDIT (YC S15)(Philippines, Indonesia, Malaysia)

Technical Lead

Sep 2022 - Present

Senior Software Engineer

Feb 2021 - Aug 2021

Xendit is a payment gateway that helps businesses make payments simple, secure, and easy for customers. We process millions of transactions monthly, helping businesses grow by providing a suite of world-class APIs and Dashboard UI.

Recruited as a Senior Software engineer to integrate with major banks in The Philippines and Indonesia, and centralized tools to help the engineering department, define processes within an

engineering team and later extend it to the organization level and test product qualities using various testing methodologies.

Key Accomplishments:

- **Integrated with major banks** in Indonesia, and The Philippines to create a payment gateway platform. It allowed Xendit to route disbursements via multiple banks and e-wallets which eventually **increased the payment processing time of customers by 70%.**
- **Routing and Circuit Breaker Service** to monitor unhealthy channels and auto-disable/enable them when needed, and it resulted in a **reduction of the failed transactions by over 250%** by routing new transactions to healthy channels and manual recon.
- **Integration With Communication Channels** such as WhatsApp (Meta), SMS Providers, Email Providers, Viber, etc, which allowed Xendit to timely deliver various transactional and alert notifications to their end users, **which enhanced overall user experience and reliability of our systems** in times of fire by alerting our users ahead of time.
- **Infra Cost Reduction Initiatives** such as optimizing the cost of AWS S3 by using various S3 storage classes based on usage which **reduced overall s3 usage cost by 65%,** optimizing the usages of Mongo indexes and TTL based on requirements to **reduce the DB cost by 40%.**
- **Led a team of 6 professionals** creating a better team culture and smoother processes. Projects were finished faster, the team got more efficient, and we consistently delivered ahead of schedule.

On Demand Deals (Philippines)

Co-Founder & Chief Technology Officer

May 2021 – September 2022

On Demand Deals specializes in e-commerce and logistics and helps cloud convenience stores by transforming any unused space into business.

Co-founded a pandemic-born company focused on seamless, doorstep grocery delivery within minutes, eliminating the need to venture outdoors.

Key Accomplishments:

- **Make VCs believe in this Idea** and raise funding from ventures such as Iterative Singapore, Accelerating Asia, etc with a total **sum of USD 480,000 in pre-seed round.**
- **Established a technical vision** with the development team, we developed complete SaaS which helped us **scale to more than 50 locations across Metro Manila** and gain **GMV of USD1,370,000 in just 6 months with over 200% MoM.**

Philippines Digital Assets Exchange (Philippines)

Senior Software Engineer

November 2019 – February 2021

Software Engineer

March 2018 – November 2019

PDAX is the Philippines' leading homegrown cryptocurrency exchange, supervised by the Bangko Sentral ng Pilipinas.

Recruited as a Software engineer to work on a trade matching engine, build various trading dashboards and chats, and integrate with major banks in The Philippines.

Key Accomplishments:

- **Help Launch PDAX** as one of the earliest team members, significantly contributing to establishing a strong market presence in the Philippines, which played a key role in achieving a high customer retention rate for this super early-stage startup. Worked on the Trade Exchange front-end using ReactJS, Redux, and Complex Timeseries Graphs.
- **Led payments integrations team at PDAX** overseeing integration with major banks and e-wallets in The Philippines. It allowed PDAX to accept payments on its platform which was previously a manual process hence reducing the payment processing time by 3 days.
- **Help Launch bonds.ph**, a product that allowed customers to buy government bonds as tokens using web3 technology in partnership with Unionbank. It required me to work on Solidity Smart Contracts such as ERC20 and ERC721. It allowed PDAX to acquire a big market share as now users can buy government-issued bonds online instead of needing to go to banks and manually purchase them which usually takes weeks to process.

Primus Software Corporation (India)

Full Stack Developer

March 2018 – July 2018

Frontend Developer

September 2017 – March 2018

Primus Software Corporation is a staffing and software development company with an unwavering commitment to helping our clients stay ahead of the curve.

As a Full Stack Developer, I engaged with clients, translated their needs into solutions, and directed the development team. Additionally, collaborated with the Business Development Team on Proof of Concepts, aiding in securing new projects.

EDUCATION

Bachelors in Computer Science

G.L.Bajaj Institute of Technology & Management, Dr. A. P. J. Abdul Kalam Technical University, India