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** specialising 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 to engineers, 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
- CICD Integrations
- Test Driven Developemnt
- Full Stack Development
- Blockchain Development
- AWS, Microservices
- Performance Testing
- API Testing
- Team Collboration
- Stakeholder Communication
- Agile/Scrum Methodologies
- Issue Investigation
- Code Optimization

TOOLS

- JavaScript, Golang, Python
- Reactjs, Next.js, Node.js
- Smart Contacts 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, Indonesia and centralized tools to help the engineering department, define processes within a

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 reduction of failed transaction 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 cost of AWS S3 by using various S3 storage class based on usage which reduced overall s3 usages cost by 65%, optimising 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 raised 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, together 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 trade matching engine, build various trading dashboard and chats and to 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. Played a key role in achieving a high customer retention rate for this super early-stage startup. Worked on Trade Exchange frontend 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 which allows you 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, ERC721 etc. It allowed PDAX to acquire big market share as now users can buy government issued bonds online instead of needing to goto banks and manually purchase it 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 Scrience
G.L.Bajaj Institute of Technology & Management, Dr. A. P. J. Abdul Kalam Technical University, India