# **Adarsh Kumar**

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### **CAREER SUMMARY**

Senior Staff Engineer with 8+ years of experience designing and scaling distributed systems, payments, wealth management, and crypto platforms across Southeast Asia. Proven track record in system design, data-driven platforms, and stability engineering. Experienced in mentoring engineers, driving infra cost optimizations, and delivering resilient backend systems that power millions of transactions.

### **SKILLS**

**Programming & Frameworks:** JavaScript (React, React Native, NestJS), Golang, Java, Solidity, Workflows (Temporal)

Cloud & DevOps: AWS, Terraform, Helm, Kubernetes, CI/CD, Datadog, Disaster Recovery

Databases & Messaging: Postgres, DynamoDB, MongoDB, MySQL, Redis, Kafka, RabbitMQ, SQS

**Data & Al:** MCP for Al-assisted development, Al-driven automation (code reviews, code generation)

**Engineering Practices:** Distributed Systems, System Design, Scalability, TDD, Agile/Scrum, Mentoring & Team Leadership

#### PROFESSIONAL EXPERIENCE

# StashAway (Malaysia)

### **Senior Staff Engineer**

**April 2024 - Present** 

- Onboarding: Redesigned onboarding flow (KYC, auth, account creation), cutting signup time by 35% and boosting conversions.
- **System Modernization:** Migrated legacy services into **microservices architecture**, improving scalability and ensuring zero downtime.
- Infrastructure & Stability: Optimized infra, achieving 30% lower AWS staging costs, improved CI/CD pipelines, and reduced release cycles by 40%.
- **Security & Auth:** Strengthened authentication with OAuth2 + MFA, improving login reliability and resilience.
- AI & Automation: Applied AI across multiple projects using MCP (Model Context Protocol) for AI-assisted development; introduced AI-driven code reviews, reducing review cycles and accelerating delivery.
- Mentorship: Guided junior and mid-level engineers, raising team productivity and code quality.

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

Technical Lead Sep 2022 - Feb 2024
Senior Software Engineer Feb 2021 - Aug 2021

- Payments Platform: Integrated with major banks and e-wallets across SEA, cutting payment processing times by 70%.
- Resilience & Stability: Built a routing & circuit breaker service that auto-detects failing channels, reducing failed transactions by 250%.
- Infra Optimization: Reduced infra costs by 65% (AWS S3) and 40% (DB) through storage class optimization and index tuning.
- **Messaging Systems:** Integrated multi-channel comms (WhatsApp, SMS, Viber, Email) to improve reliability of transactional notifications.
- Team Leadership: Led and mentored a 6-person engineering team, improving delivery velocity and code quality.

# On Demand Deals (Philippines)

## **Co-Founder & Chief Technology Officer**

May 2021 - September 2022

- Raised \$480K pre-seed funding from Iterative Singapore and Accelerating Asia
- Oversaw 200% MoM growth by leading product and engineering end-to-end
- Built a SaaS platform scaling to 50+ locations in Manila, reaching \$1.37M GMV in 6 months

# **Philippines Digital Assets Exchange (Philippines)**

Senior Software Engineer
Software Engineer

November 2019 – February 2021 March 2018 – November 2019

- Founding engineer who helped launch PDAX into one of the top crypto exchanges in the Philippines
- Led payments integration with banks and e-wallets, cutting settlement time from 3 days to real-time
- Built the trade engine and dashboards, improving reliability and user experience
- Developed and helped launch LOCQ, a product that enables customers to purchase gas for the future at today's prices

## **Primus Software Corporation (India)**

Full Stack Developer Frontend Developer March 2018 - July 2018

September 2017 – March 2018

As a Full Stack Developer, translated client needs into solutions, directed development teams, and collaborated with Business Development on Proof of Concepts to secure new projects.

#### **EDUCATION**

#### **Bachelor's in Computer Science**

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