

Arnabkanti Das Pattanayak

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Innovative and results-driven technology leader with close to 20 years of experience in software engineering and 8+ years in Engineering Management roles leading high-performing teams. Proven track record of managing large-scale software development projects from ideation to release, as well as building and scaling software platforms to support business growth. Adept at defining technical strategies and roadmaps, and collaborating with cross-functional teams to deliver results on-time.

CAREER HIGHLIGHT

- Led Shop Pay Checkout, the best converting accelerated checkout with more than 100m customers, by defining strategy, rolling out innovative features and reducing toil
- Spearheaded full-stack development and launch of accounts payable product that achieved 40% quarterly growth, leading five teams to deliver a cloud native system
- Accelerated the cloud migration of legacy APIs for commercial clients by developing a migration strategy and creating DevOps pipeline and framework to enable self-serve for stream aligned teams. This initiative resulted in the early migration of 70% of the 100 APIs
- Defined, maintained and rolled out workflow engine with disaster recovery setup

WORK EXPERIENCE

SENIOR ENGINEERING MANAGER | 06/2022 - 05/2023

Shopify, USA

Led the engineering organization responsible for web and mobile wallet implementations, as well as the support of Shop Pay Checkout, a web scale Tier 1 application. Responsible for defining the vision, technical architecture, and delivery by overseeing four teams through other managers, delivering features across backend and frontend.

- Drove implementation of product growth initiatives, collaborating with cross-functional partners to identify strategies and execute them swiftly, resulting in a 2% increase in product GMV processed
- Improved operational efficiency by setting up a production support process, reducing issue acknowledgment time by 90%, and reducing high-severity backlog by 80%
- Defined long-term technical vision and leveraged emerging trends (e.g. passkeys, QR codes, generative AI) resulting in 2M+ passkey users within a quarter
- Efficiently migrated to the latest architecture of Shopify Checkout, with 90% of Shop Pay merchants successfully transitioning by adopting a rollout strategy with A/B testing
- Hired, developed, and mentored engineers and leaders, providing coaching and support to help them advance in their careers and take on increasingly challenging roles while ensuring team stability and promoting innovation

SENIOR MANAGER | MANAGER, SOFTWARE ENGINEERING | 05/2014 — 06/2022

Capital One, USA

Managed a portfolio of teams and projects at different levels in the software development lifecycle, including commercial card, Payments platform, person-to-person payments, cloud migration, and commercial banking portal migration.

- Crafted and executed multiple long-term technical strategies to support product growth and technology transformation, launching brand new and modernized cloud native platforms
- Improved resiliency and reduced customer error rates for Commercial Card Platform by 30% using event driven processing and organizational alignment for 6 teams to domains
- Championed and led shift left to achieve 100% security compliance and 0% customer-impacting releases by planning, setting metrics, and using 'you build you own' model
- Achieved above 90% sustained people leadership score for engineering organization by focusing on vision, mission, values, OKR based goal setting and coaching
- Influenced cross-functional partners to adopt an internal platform mindset and set governance model resulting improved reusability and lower cost across organization

SR. DEVELOPER (LEAD | ARCHITECT) | 11/2010 — 05/2014

Barclays, USA

Architected the workflow engine for Client Onboarding and led the implementation of the SOA platform

- Led a team of developers across geographies, designed solutions, and set direction for application delivery, working closely with project manager
- Defined and implemented SOA workflow with on-premises active-passive disaster recovery
- Designed and implemented enterprise-wide distributed solutions (event notification service, entitlement service, complaints handling, and portfolio transfer systems) in an agile environment

TECHNOLOGY SPECIALIST | 10/2006 — 11/2010

Cognizant, USA (Client: TD Ameritrade, United Health Care)

SOFTWARE ENGINEER | 03/2004 — 10/2006

Infosys, India/UK (Client: British Petroleum, UBS)

SKILLS

Distributed Systems, Web Applications, REST API, GraphQL, Java, Go, Typescript, Spring, React, Kafka, AWS, Event Stream Processing, Microservices, Domain Driven Design, Serverless, Cloud Native, DevOps, Docker, TDD, Pair Programming, Observability, PostgreSQL, DynamoDB, e-Commerce, Fintech, Payments, Strategy, Management, Agile, People Leadership, Coaching, Mentoring

EDUCATION

Bachelor's Degree - Electronics & Instrumentation Engineering 1999 - 2003

National Institute of Science and Technology (NIST), Berhampur, Odisha, India