

Buddhi Abeyratne

Colombo

Professional Summary

Technology executive with nearly a decade of leadership experience building software, AI/ML and IoT products across health, wellness, sports, e-commerce and hard-tech. Experienced in leading multidisciplinary engineering teams, defining product and technology strategy, commercialising platforms, improving profitability, and delivering privacy- and compliance-focused systems.

Willing to relocate to: Singapore - Australia - United States

Work Experience

Chief Technology Officer

Atlas Labs

June 2023 to Present

- Leading the transition from a services business to a product-led company
- Building Horcery.com, an equestrian SaaS and IoT platform focused on welfare and monitoring
- Architecting privacy-focused AI/ML technologies to drive product innovation
- Leading a multidisciplinary team across data science, software engineering, embedded systems and 3D visualisation
- Shaping the product roadmap through direct customer engagement
- Driving compliance initiatives for SOC 2, CCPA, PCI DSS

Technical Lead

Atlas Labs

May 2021 to June 2023

- Led the architecture and design of IoT products for a health and wellness startup
- Led and guided the roadmap for compliance initiatives
- Drove execution to ensure teams delivered the desired business outcomes efficiently
- Communicated plans and progress to key partners and executives
- Developed engineering standards and company-wide best practices for complex, large-scale technology solutions
- Served as commercial head, leading commercialisation, setting technical direction and coordinating delivery
- Drove the business to profitability, then increased revenue by 40% year over year.
- Owned hiring, mentoring and performance management for engineering teams.
- Led cross-functional collaboration across software engineering, embedded systems and hard-tech product development

Senior Software Engineer

Atlas Labs

June 2020 to May 2021

- Collaborated with internal and external stakeholders to identify priorities and manage delivery commitments.
- Helped vet technology vendors, hardware partners and build-versus-buy decisions.

- Engineered and operated distributed backend API systems with real-time failure monitoring.
- Contributed ideas and technical analysis in architecture and design meetings
- Introduced Agile delivery practices and served as Scrum Master to improve team coordination and delivery cadence.
- Mentored junior engineers and established processes to improve code quality, key person risk and maintainability.

Software Engineering Consultant

ESO Electronic Manufacturing Services

August 2019 to May 2020

- Provided systems and architectural design guidance with an emphasis on scalability and commercial viability
- Reviewed pull requests for security issues and adherence to coding standards
- Supported DevOps activities and project deployments
- Documented existing systems to improve technical and operational decision-making
- Delivered new features across the ERP, PCB View Lib and customer portals
- Built quote-generation tools incorporating real-time sourcing, inventory and supply-chain analytics

Founder & CTO

Yasasshra Solutions

February 2015 to June 2019

- Founded and operated a software consultancy agency delivering customer projects
- Won and shaped client engagements through business development, solution discovery, scoping and commercial proposals
- Defined technology strategy and solution architecture aligned with customer needs, budgets and business outcomes
- Owned client relationships from initial opportunity and contract scoping through delivery and production support
- Oversaw cloud infrastructure, DevOps, production deployments and operational delivery
- Built and led a blended team of in-house developers, forward-deployed engineers and external contractors

Algorithms Developer

SACRINA LIMITED

August 2017 to April 2018

- Built the company website and customer-facing control panel
- Developed A/B testing tools and web-scraping capabilities
- Developed computer-vision algorithms for object and interface-element detection and saliency detection
- Developed algorithms to mimic human attention targeting e-commerce platform optimisation
- Contributed to a platform for automated UI generation that optimised click-through rates using observed user behaviour.

Education

Computer Software Engineering (Bachelor of Science)

University of Bedfordshire

2018 to 2019

Grade: First Class

Information Technology (Higher National Diploma)

SLIIT

2015 to 2017

Vice President, SLIIT Carols Club

- Helped organise annual carols events
- Helped organise a charity event

Mathematics (GCE 'A' Level)

St. Joseph's College, Colombo 10

2001 to 2014

- Assistant Treasurer, ICT Society (2009–2012)
- Secretary, Radio Club (2010–2012)
- Captain, Chess Team (2008–2010)
- Member, Photography Club (2009–2012)
- Member, St. Vincent de Paul Society (2006–2009)

Skills

- Risk and Compliance Management
- Technology Leadership
- Product Management
- Executive Communication
- Engineering Management
- Systems Architecture
- Internet of Things (IoT)
- Strategic Planning
- Team Building
- Technology Strategy
- Commercial Strategy
- Product Strategy
- Cross-functional Team Leadership
- Digital Transformation
- Artificial Intelligence (AI)
- Program Management
- Cloud Computing
- Stakeholder Management
- Distributed Systems

Links

<https://www.linkedin.com/in/buddhi-abeyratne>