

Pasindu Wijesena

Passionate about leading teams, solving problems, and building scalable applications.

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Skills

Programming Languages: Typescript/Javascript, Python, C++, HTML, CSS

Development Frameworks and Tools: Node.js, React, React Native, Next.js, Svelte, Redis, Docker, Kubernetes

Applied ML: LLMs (fine-tuning, prompt engineering), PyTorch, BigQuery, Pinecone

Cloud Platforms: GCP, AWS, Azure, Firebase

Professional Experience

Co-founder and CEO, *The AI Team*

Aug 2018 - May 2024

Starting with a team of 4, I built a business where now I collaborate with a team of 20+ engineers, researchers, and project managers, directly contributing to the architecture, coding, and deployment of bespoke business applications.

- Founded, led the development, and launched a SaaS product ([Lynn](#)), an AI-powered chatbot that allows customer success teams to leverage their time on high-value tasks by taking care of ground level support. Lynn helps thousands of users around the world to promptly resolve their issues 24/7.
- Spearheaded the design and development of a custom PDF rendering engine for a world leading book formatting tool; which significantly impacted the market position of the product w.r.t. its competitors. The solution was designed to utilize web-workers to implement multi-threaded real-time PDF rendering on web browser, together with a customized layout engine to support domain specific formatting needs.
- Architected and led the development of a comprehensive solution to streamline the finance data collection, and management pipeline of an international organization spread across 100+ countries, that enabled the organization to migrate to the new solution with minimum friction within a period of 3 months, and expand their data analytical efforts with a newly introduced data warehouse.
- Led the local development team in a remote team augmentation project collaborating with multidisciplinary teams spread across timezones to build a white-labeled online wagering platform for the Australian market. Implemented features in both mobile and web applications, and launched within the expected timelines. Managed to impress the client, which led them to move all the technology operations to Sri Lanka.

Software Engineer, *Vudoir Hub*

Jan 2019 - Sep 2020

I worked remotely as full-stack software engineer, to help stabilize the Spain-based conversational marketing platform, and then introduce multiple core modules to increase its business value.

- Migrated the platform to an event-driven serverless architecture from the previous monolithic design, which reduced the monthly infrastructure cost by 90%.
- Refactored the data layer of platform to be responsive against traffic spikes, which eliminated platform failures in traffic spikes altogether.
- Developed a new data ingestion pipeline to handle large volumes of analytic data, which exposed more detailed events to the data science team. This enabled them to strengthen the user conversion metrics, allowing Vudoir to increase customer satisfaction through better quantification of the value it delivers.

Associate Software Engineer, *99x Technology*

Feb 2017 - Dec 2017

I worked on multiple projects in the fintech domain.

- Designed and developed a custom access-control module utilizing relational databases, to help with complex use cases on top of a role-based access-control mechanism. The module was utilized in multiple software projects by the company.
- Developed middleware scripts to integrate with a leading open-source API Gateway, and an Enterprise Service Bus.
- Acted as a go-to person within my team and beyond for advice on Angular and Javascript.

Education

Bachelor of Science (Honours) in Computer Science, *University of Colombo*

GPA 3.97/4.0 2018 - 2022

Research Project: Extracting complex dynamics of music with machine-learning for music similarity measurement.

Achievements

- IEEEExtreme - World top-100.
- International Olympiad in Informatics - Participant.
- Asia Pacific ICT Alliance Awards - Gold Award.
- [Codeforces](#) - Expert (1779 contest rating).

Volunteering

- [Sri Lankan Olympiad in Informatics](#) - Trainer, and problem setter.
- Google Developer Group Sri Lanka - Speaker.