

# Ashmit Biswas

## Software Engineer

Full-stack developer with **six** years of experience in building products and teams, from analysis, design, agile development, and implementation of product features and data pipelines to hiring and growing zero-to-one stage tech teams. Looking for an opportunity to build products from the ground up.

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## SKILLSET

PIM and EAV modelling

Compliance Engines and Configuration modelling

Message brokers

Dockerisation

App state management

CMS backends and dynamic-forms design

APIs, Routing, REST and gRPC

High-volume read systems and caching

## WORK EXPERIENCE

### Software Development Engineer III

P99Soft Pvt Ltd/ k-ID

10/2023 - Present

Bengauluru, India

*An safety and regulatory compliance ecosystem for parents, kids and game publishers*

- Built a compliance engine that allows game publishers to implement feature flagging coupled to the laws of the country that a player is situated in.
- Implemented a rolling system of configurations that drive product testing for clients across environments, thereby reducing integration testing time for game teams **down to two weeks** of playtesting.
- Built an api service scaled to handle **upto 10000RPS** for consuming compliance and product configurations to be able toggle features for the player.
- Integrated third-party verification services that act as age gates to provide parents with greater degree of understanding of what their children access online.

### Software Engineer II

Sourcewiz

10/2021 - 07/2023

Bengaluru

*B2B solution with a first-mover advantage on unlocking growth for Exporters*

- Core engineering team member, built the product from initial 0-1 MVP to a SaaS suite that enabled customer-base pivot with 50x ARR.
- Built **the-source**, an in-house component library, making way for a common design language across a growing number of frontend apps.
- Built a backend service for fast customer data ingestion, for use by internal post-sales operations teams, built on FastAPI and Celery. Improved data upload speeds from 50-60 SKUs/min to 4000+ SKUs/min.
- Built a Dashboard for internal teams to manage customer data, configuration, feature-flagging, approval and billing flows for clients, increasing monthly onboardings by 1325% in the first year (4 to 57 from Q4 2021 to Q4 2022)
- Built fundamental product features and user flows - dynamic **document maker service** for cataloging, quotations and invoices.
- Built the core PIM for SKU storage, validation, user-based access management and export along with its CRUD applications.

## WORK EXPERIENCE

### Software Development Engineer - I

#### BookMyShow

08/2019 - 09/2021

Mumbai

One-stop leading B2C platform for all things entertainment

- Worked for the **BookMyShow International** team, responsible for the integration, implementation, and enhancement of the entire micro-service architecture across existing and upcoming geographies. Built on Golang RPC services talking to Node proxy servers behind react frontends.
- Spearheaded **Attractions**, an entirely new vertical for BMS UAE, from CMS integration and feature development to pipelining, and caching API data for continuous availability on the frontend.
- Responsible for the development of the attractions CMS, with enhancements to reduce human intervention, like image cropping tools to reduce dependencies on design teams, and auto-formatting of text content to expedite the vetting process, significantly bringing down the time required to take a new event live.
- Worked on a multi-pricing feature, allowing customers the choice between differently priced tickets based on discounts, allowing for partner tie-ups and increasing revenue in UAE by thirty percent over a yearly quarter (2019 Q3).
- Built a frontend **covid-seating** feature that intelligently groups together seats for a booking so that users cannot book isolated seats – a one-off capability that competitors in UAE do not have.

### Associate Software Developer

#### LeadSquared

06/2018 - 04/2019

Bengaluru

Sales Execution and CRM platform for B2B clients

- Collaborated in the expansion and integration of new feature implementations to the existing backbone of the application as part of the product platform team, working on the existing architecture built on .NET MVC.
- Developed, co-owned and maintained code as part of a three-man team working on Dynamic Forms, a product feature allowing the creation of dynamic composite forms, providing end-users (field and sales executives) the ease of completing field sales documentation and other business processes.
- Contributed significantly to the design and user experience, from inception to implementation, and the development and co-ownership of Process Designer, a feature and workflow creator for forms allowing for dynamicity across tenant, user, team and data specific configurations.

## EDUCATION

### B.Tech, Computer Science and Engineering

#### SRM Institute of Science and Technology, India

05/2014 - 05/2018

CGPA - 8.03

## TECHNICAL SKILLS

NestJS

NextJS

React+Redux

Node

Postgres

Supabase

Typescript

Python

SQLAlchemy

RabbitMQ

MongoDB

Redis