

Bejoy George Mathew

Backend Engineer
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PROFESSIONAL SUMMARY

- **7.5+ years** of experience in analysis, design, and development in various startups for various web and mobile applications using **Python, JavaScript** frameworks.
- Experience in relational (**MySQL, Postgres**), NoSQL (**MongoDB**), and graph databases
- Experience migrating entire system for language migrations (**python2 to python3**) and database migrations.
- Experience in handling end-to-end deployments using **AWS, Terraform, CircleCI, etc.**

EXPERIENCE

SDE 3, SpotOn Jun/2022 —Dec/2023

- Designed an inhouse notification service that is currently used by other projects to send out all transactional and non-transactional messages.
- As part of the payments team, helped built out a crypto based loyalty program in **FastAPI**

Lead Engineer, VideoKen Aug/2020 — Feb/2022

- Started and led a new project (video search) inside the company, which is now offered as a separate SaaS product.
- Involved in quarterly planning of the product roadmap to estimate the effort and resources required.
- Led the backend team of 2 engineers, some team accomplishments:
 - Decreased the **server response times by 100%** without increasing compute power
 - Migrated entire systems to AWS infra with minimal downtime.

Backend Engineer, Instawork (YC S15) Jan/2018 — Jun/2020

- Developed backend APIs using the **Django** framework and optimizations for the backend infrastructure to improve speed and scalability.
- Developed server-driven mobile apps with **React Native** using inhouse framework **Hyperview**.
- Reporting and generating analytics and statistics like system reports of API response time and web page performance using tools like **Sumo Logic**.
- Reduced total backend test **runtime by 50%**.
- Migrated the entire backend codebase from **python2 to python3**
- Lead a small team for building various internal tools for onboarding professionals

Fullstack Developer, Gemini Solutions Jun/2016 - Jan/2018

- Developed an ecom pharmacy website [pocketpills](#) with a team of 4 engineers. Lead the frontend development team.
- Developed hybrid mobile application for premium calculation for a bank with 3 member team using **ionic** framework and **Nodejs** backend.

EDUCATION

2016 B.E. in Electronics and Communication, Technocrats Institute of Technology, Bhopal

SKILLS

Languages & Databases: Python, Elixir, Postgres, Redis

Frameworks & Tools: Django, Phoenix, Kafka, React Native, AWS, Docker, SumoLogic, pytest, Git