

# Bejoy George Mathew

Backend Engineer  
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## PROFESSIONAL SUMMARY

- **6 years** of experience in analysis, design, and development of various web and mobile applications using **Python, JavaScript** frameworks
- Full software development life cycle experience and team management experience.
- Experience in relational (**MySQL, Postgres**), NoSQL (**MongoDB**), and graph databases
- Created multiple native apps for banking and online education companies using **React Native** and **Ionic** Frameworks
- 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

### 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**.
- Developed tools to support and improve the build and release process.
- Reduced total backend test **runtime by 50%**.
- Migrated the entire backend codebase from **python2 to python3**
- Leading the project for building internal tools for onboarding professionals. Mentored junior devs during the course of the project

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

- Developed an ecom pharmacy website [pocketpills](https://pocketpills.com) 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, Javascript, MySql, Postgres, Redis

**Frameworks & Tools:** Django, Nodejs, React Native, Vue, AWS, Docker, SumoLogic, New Relic, pytest, Git