Bejoy George Mathew

Backend Engineer

Bengaluru

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PROFESSIONAL SUMMARY

- **4+ years** of experience in analysis, design and development of various web and mobile applications, database using **Python/Django, JavaScript** frameworks
- Full software development life cycle experience and team management experience.
- Strong multi-tier experience from back-end data source through mid-level services to front-end user interfaces
- Experience in RDBMS (**MySQL**), NoSQL Databases (**MongoDB**) and graph database (**Neo4j**)
- 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** and **CircleCI**

EXPERIENCE

Backend Engineer, Instawork 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/scripts 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
- Member of site reliability team, fixing issues in productions and monitoring for issues during on-call.
- Created ML models for predicting lead business conversion in **Tensorflow**

Fullstack Developer, Gemini Solutions Jun/2016 - Jan/2018
- Developed hybrid mobile application for premium calculation for a bank with 3 member team using **Ionic** framework and **Nodejs** backend.
- Developed a web application for calculating policy information for a major insurance company.
- Created an experiential learning education platform for middle school students using
- Full stack development using **Node.js, Express, Angular, and MongoDB.**
- Python scripts for migrating data to **MySQL**.

EDUCATION

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

SKILLS
Languages: Python, Javascript
Frameworks: Django, Nodejs, Express, React, Hyperview
Databases: MySql, Postgres, MongoDB, Neo4j, Redis
Tools: AWS, SumoLogic, Tensorflow, Salesforce, pytest, Git