

Joseph Christopher

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Experience

SOFTWARE ENGINEER, INDIX

FEB 2016 - PRESENT

PYTHON, FLASK, GOLANG, SQLALCHEMY, EXPRESSJS, ES6, MYSQL, MONGODB, INFLUXDB, GOCD

- Architected and built a Go-based RESTful orchestration service that simplifies data overriding & validation, interacting with numerous internal APIs
- Built an org-wide in-house crowdsourcing platform to validate & measure data quality with pluggable templates, historical versioning support, analytics & reporting
- Implemented a RESTful interface for internal data & Machine Learning services to push jobs and consume data quality statistics for training data
- Built wireframes and REST API design as a part of product & feature planning

DEVELOPER - WEB, HAPPYFOX (TENMILES CORPORATION)

APR 2014 - FEB 2016

PYTHON, DJANGO, SQLALCHEMY, EXPRESSJS, SOCKETIO, POSTGRES, MONGODB, REDIS, CIRCLECI, PM2

- Built the ability to handle outbound and inbound SMS for tickets from scratch
- Built two-way integrations with third-party APIs (Facebook Graph API, Github, Twilio, Salesforce, CRMs) to sync tickets & related contact information; wrote integrations with SSO services and JWT
- Scaling: Optimised synchronous large DB transactions into isolated background services
- Wrote a real-time RESTful micro-service for browser notifications (Redis & SocketIO)
- Contributed to the several features, bug fixes and the public RESTful API
- Handled code reviews and assisted junior developers; brought in PyLint and PEP8 conventions
- Proactively assisted customer success team to reduce response time; contributed to product team

MEMBER - TECHNICAL STAFF, CONTRACTIQ

JUL 2013 - MAR 2014

RUBY ON RAILS, TWITTER BOOTSTRAP, JAVASCRIPT, NOKOGIRI, MYSQL, CAPISTRANO

- Engineer #1; architected the entire product from scratch
- Worked across backend, front-end and server operations, single-handedly
- Improved user experience; worked on the feature roadmap closely with the founder
- Wrote a background scrapping service to periodically fetch meta-data about dev-shops
- Growth-hacked traffic and reduced churn with periodic and event-triggered emails

Skills

Languages	Python, Ruby, JavaScript, ES6, Go (Novice)
Web	Django, Flask, Rails, Express
Data	PostgreSQL, MySQL, MongoDB, Redis, InfluxDB
Tools & Misc.	Balsamiq Mockups, Git, AWS, Capistrano, Fabric, GoCD, nginx

Education

Anna University, Chennai, India – Master of Computer Applications, 2013

Bharathidasan University, Trichy, India – B.Sc. Computer Science, 2010