Philip Bjorge SOFTWARE DEVELOPER

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Experience

Pachama

STAFF ENGINEER (REMOTE) – PYTHON3 + FASTAPI *Dec 2022-Current (Full-Time)*

- Led two teams in consolidating 7 services into a modular monolith, streamlining delivery while reducing costs and overhead.
- Diagnosed and addressed critical scalability issues across authentication, async thread management, HTTP connections, and our kubernetes deployments.
- Implemented and maintained highly efficient, reliable and portable build pipelines on Github Actions.
- Built and maintained a containerized developer environment experience with VS Code + DevContainers.
- Decreased test run times while increasing test coverage and code quality by teaching new testing techniques and setting the code-base up for test parallelization.

Leafly

PRINCIPAL ENGINEER (REMOTE) – RUBY ON RAILS + POLYGLOT *Jun 2021-Nov 2022 (Full-Time)*

- Diagnosed and addressed key scalability issues in Elasticsearch, Postgres, JSON serialization, development environments, and Rails and TypeScript services.
- Led three engineering teams to deliver Canada's first cannabis delivery service in collaboration with Uber Eats.
- Introduced extensive custom instrumentation with Datadog and Statsd to identify and address key bottlenecks for scalability.
- Engaged in mentorship, providing guidance and sharing knowledge through 1:1s and pair programming sessions.

Routable

DEVELOPER EXPERIENCE ENGINEER (REMOTE) – PYTHON3 + FASTAPI *Nov 2020-Jun 2021 (Full-Time)*

- Designed and implemented an OpenAPI first, best-in-class API product built on the existing internal JSON:API based interfaces.
- Handled all external developer support and onboarding.

BetterUp

FULL STACK ENGINEER (REMOTE) – INTERNAL TOOLS AND INFRASTRUCTURE, MEMBER EXPERIENCE
RUBY ON RAILS + EMBER *Jan 2020-Nov 2020 (Full-Time)*

- Saved 10.5 developer hours per month by introducing caching that sped up local database setup time by 95%.
- Implemented custom instrumentation for identifying flaky tests and bottlenecks in developer workflows.
- Profiled and optimized RSpec/Capybara tests for 35% reduction in test suite runtime.

Leafly

SENIOR SOFTWARE ENGINEER (REMOTE) – CORE PLATFORM – RUBY ON RAILS *Dec 2018–Sep 2019 (Contract)*

- Replaced a poorly scaling system for reliably propagating changes from Postgres to Elasticsearch and reduced the time for changes to propagate from 30 seconds to 3 seconds, and for full reindexes from 12 hours to five minutes.
- Kept feature teams unblocked by contributing critical code for authentication, authorization, caching, and Elasticsearch indexing.
- Led our retail and audience teams in consolidating legacy Python and .NET services into a well-tested Ruby on Rails app which powers the entire consumer-facing Leafly.com experience.

WeConnect Health Management (via Substantial)

SENIOR SOFTWARE ENGINEER – ANDROID *Nov 2017–Jan 2018 (Contract)*

Leafly

SENIOR SOFTWARE ENGINEER – ANDROID, CORE PLATFORM, INFRASTRUCTURE – POLYGLOT *Nov 2015–Nov 2017 (Full-Time)*

- Designed, launched and documented an internal platform based on Kubernetes and Helm that allowed the development team to introduce a micro-services architecture and grow the number of services they deployed from 3 to 20.
- Designed, deployed, and operated a 10-node Kubernetes cluster with 20 services that handled 300 requests per second.
- Implemented and deployed a C# OAuth provider based on the open source solution IdentityServer3.
- Implemented and deployed C# and Python APIs that integrated with Postgres and Elasticsearch to power our customer-facing apps.

Substantial

DEVELOPER – FULL STACK – RUBY ON RAILS + NODE *Nov 2014–Sep 2015 (Full-Time)*

Microsoft

SOFTWARE DESIGN ENGINEER – XBOX 360 MUSIC AND VIDEO – C++ *Jul 2013–Oct 2014 (Full-Time)*

Education

Western Washington University

B.S. IN COMPUTER SCIENCE *Sep 2010–Mar 2013*