

Paul Gerlich

Software Engineer

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Data driven, customer focused. I bring products from idea to reality at blazing fast speeds.



Work Experience

Software Engineer - Team Lead

BluBracket

- Designed and implemented a data fetching and caching library from scratch in JS + React/Redux
- Architected our Git Extended Universe solution, leading to several patents as primary inventor
- Contribute to every facet of the product, from UX design to platform infrastructure
- Lead the platform engineering and integrations teams
- Brought company from pre-product, pre-customer to post Series-A as the lead engineer across multiple stacks and teams
- Develop APIs and integrations in Python + Tornado on a home grown ORM with Postgres

Software Engineering Contractor

Workiva

- Created a Kotlin + Spring Boot microservice from scratch to serve data up to Workiva partners
- Worked independently under Director of Engineering to research and implement a new service at blazing fast speeds
- Hit every established stretch goal set by product team
- Brought service from design to production in a matter of weeks, plugging into the existing auth and microservice infrastructure

Senior Software Engineer - Tech Lead

Workiva

- Lead development on Python and Kotlin microservices to support the Integrated Risk (IR) platform
- Authored APIs to orchestrate interactions between microservices and React/Redux front end components
- Developed optimistically updating graph-backed React components in an eventually consistent distributed environment



Education

University of Illinois at Urbana-Champaign

Masters in Computer Science, Data Science Focus

GPA 3.77

Iowa State University

B.S. Software Engineering

GPA 3.52



Projects

TabSaver, LLC.

Co-Founder, Android Developer

- Built a massive Android application and business intelligence platform from scratch
- Designed a dashboard to manage customer data and gain insight on application usage
- Achieved 5000 downloads in the Google Play/Apple App store



Languages and Frameworks

Javascript + React/Redux

Python + Tornado/FastAPI

Microservices



Sep 2019 - present

Dec 2020 - Apr 2021

Jan 2017 - Sep 2019

May 2018 - May 2022

Aug 2012 - Dec 2016

Jan 2016 - May 2017