Erik Barns

barnserik@gmail.com • (847) 840 - 0759 • www.barnserik.com

Education

DePaul University
BS in Computer Science
2017
GPA: 3.9/4.0

Technical Skills

Java & Kotlin (6+ years) Spring Boot APIs
Python (5+ years) Flask, Boto, Pandas, Numpy, Scikit, Keras & more
Frontend Development (5 Years): Javascript, React JS, Redux, Jest, Enzyme, HTML, CSS, Webpack, Babel.
Databases (5+ years): Mysql, Postgres, Cassandra, Dynamo DB.
AWS (6 years) Developed applications with a variety of AWS services including Lambda, Elasticsearch, Open Search, S3, SQS, SNS, Step Functions, API Gateway, IAM, Cloudwatch, ECS, Fargate, Beanstalk etc.
Mobile (2 Years): iOs, Flutter, Android, React Native
Other experience with: Looker, Serverless, CI/CD, Docker, Jolt, Terraform, Kafka, Maven, Gradle

Work Experience

Label Insight
Senior Engineer
February 2019 - Present

At Label Insight I'm acting primarily as a Backend engineer with some Full Stack development, working on a Scrum style team. I served as a team lead from 2022-2024. Some of my main responsibilities are developing and scaling Label Insight's product data generation, transformation and delivery solutions. I was responsible for building a data entry platform that utilized OCR + multiple machine learning models to generate structured data from images. I designed the "engine" that powers Label Insight's Product Attribution, which takes raw data and generates derived data. I also took part in scaling the data delivery solution to handle millions of product data deliveries to customers on an average day. At Label Insight I took part in building and maintaining dozens of restful API's that are built using Spring Boot. As a team lead I was responsible for turning team sprint goals into vertically sliced tickets of work and overseeing sprint development as well as mentoring junior developers. On a daily basis I used and designed solutions using AWS services, and delivered software updates via CI/CD pipelines.

Pendulum VFX
Developer
May 2022 - July 2022

Developed a website for Pendulum VFX, a boutique visual effects company. Worked closely with the client and designer in implementing the designs as well as content management functionality. Used React, as well as AWS lambda & S3 to power the website. (www.pendulumvfx.com)

Arity
Software Engineer
June 2017 - January 2019

Full Stack developer working on an Agile team practicing paired programming and TDD. Worked with technologies like React, Redux, Spring Boot, Cassandra, and Kafka on a daily basis. Also contributed to the development of an Android SDK for customer integration and developing an iOS mobile application.