

# Jeffrey Pratt

Software Engineer and technologist with a passion for programming languages, functional programming, and an interest in blockchain.

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## EXPERIENCE

### Proofpoint, [Draper, Utah] – *Senior Software Engineer*

JAN 2020 - PRESENT

Designed and built ETL system with Scala (with Cats), Akka, and Kafka Streams. Led and designed various projects, including the migration of a key Scala/Akka service from one environment to another. FP expert in learning sessions.

### Verisk, [Lehi, Utah] – *Senior Software Engineer*

MAY 2019 - JAN 2020

Extended, maintained and created Spring Boot and NodeJS microservices for ClaimXPerience.

### TruHearing, [Draper, Utah] – *Senior Software Engineer*

MAR 2019 - MAY 2019

Designed and built the first of many of the company's planned microservices as part of efforts to carve up their Ruby on Rails monolith into a microservices architecture.

### Ancestry, [Lehi, Utah] – *Senior Software Engineer*

AUG 2011 - MAR 2019

Maintained and added features to the Search UI web stack (among Ancestry's largest and most complicated stacks). Engineered and led the move of the codebase from Team Foundation Server to Git. Built numerous microservices and led, designed and implemented the 1940 Census SEO project.

### SmartyStreets, [Provo, Utah] – *Senior Software Engineer*

FEB 2010 - AUG 2011

Contributed to the design and construction of a distributed mailing address processing system built on MSMQ and NServiceBus.

## EDUCATION

### Brigham Young University, [Provo, Utah] – *BS, Computer Science*

AUG 2011

Advanced programming, software design, engineering and testing, distributed systems, computing theory, programming language theory, AI and machine learning

## SKILLS

Software engineering  
Functional programming  
Object-oriented programming  
Microservices architecture  
Software design  
Written communication

## TECHNOLOGIES

Linux, UNIX/macOS, Windows  
MySQL, MS SQL Server, Postgres, Oracle  
Akka  
Kafka  
Scala (with Cats), Haskell  
Java, C#, Rust, Go, C, C++, JavaScript  
AWS  
Docker  
Kubernetes  
Git  
IntelliJ IDEA  
Visual Studio, VSCode  
Emacs, Vim, Helix, Kakoune