

# Chetan Bhasin

SOFTWARE ENGINEER · SYSTEMS ENGINEER

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## Summary

I'm a Software Engineer, and I like learning new things. I like distributed systems, programming languages, functional programming, software design, and computer science in general.

I currently work at Enfore where I build enterprise APIs along with tooling for code generation, deployment automation, and advice on code management for developer productivity.

## Skills

### Programming Languages

*In Regular Use:* Scala, Go, Rust  
*Comfortable:* Python, Haskell  
*Can Pickup Easily:* Swift, Java, Kotlin  
*Familiar:* C++, C

### Concepts

Distributed Systems, Developer Tooling, Programming Languages

### Frameworks & Technologies

Apache Spark, Akka Toolkit, Elasticsearch, Apache Kafka

### Tooling & Operations

Kubernetes, Docker & Containers, Bazel

## Work Experience

### Enfore AG

Hamburg, Germany

SOFTWARE ENGINEER

Dec. 2018 - Now

- Implemented tooling from scratch for automatic code derivation from API specification for Enterprise APIs platform. This was focused on safety, ease of use, and developer productivity.
- Designed and built authentication and authorisation framework for Enterprise APIs platform.
- Helped build and maintain several Enterprise APIs and backend products for external partners.
- Helped migrate and advocate a streamlined deployment platform on top of Kubernetes.
- Currently helping migrate build process to using Bazel for faster and more streamlined tooling.

### Akanoo GmbH

Hamburg, Germany

SENIOR SOFTWARE ENGINEER

Jan. 2017 - Nov. 2018

- Help build and maintain features on a distributed tracking backend built on message passing and state machine design.
- Managed & helped maintain live updating data pipelines digested by our distributed tracking system.

### RelinkLabs

Copenhagen, Denmark

SOFTWARE ENGINEER

Sep. 2016 - Nov. 2017

- Built from scratch an in house service ecosystem platform on top of Kubernetes focused on ease of use and developer productivity.
- Implemented backend services and data collection pipelines to support data science and machine learning team.
- Migrated several services running on Apache Mesos and hand provisioned to Kubernetes along with Drone CI.

### Atlan (formatly SocialCops)

New Delhi, India

SOFTWARE ENGINEER — BACKEND & INFRASTRUCTURE

Sep. 2015 - Sep. 2016

- Helped build and maintain a heuristics based human language search engine and query predictor on top of structured data.
- Built several data flow pipelines and automation jobs for structured and unstructured data.

### SupplyAI (formerly DataCulture Analytics Company)

New Delhi, India

DATA ENGINEER — INTERN

Apr. 2015 - Jun. 2016

- Helped build ETL pipelines over Apache Spark.
- Learned and helped manage container orchestration over Apache Mesos.

## Education

### Maharaja Surajmal Institute — IP University

New Delhi, India

BACH. IN COMPUTER APPLICATIONS

Mar. 2012 - Aug. 2005

- Organised programming contests in technical festivals.
- Attended Computer Society of India.