



# NARENDRA JOSHI

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## SKILLS

**Languages** *Fluent in:* Clojure, Emacs Lisp, Python

*Used in the Past:* C, Haskell, bash and a few more here and there.

**Tools and Technology** Linux, Git, Emacs, Kafka, Elasticsearch, Packer, Terraform, Jenkins, Redis, Zookeeper, MongoDB

## EXPERIENCE

- SAP Concur** Software Developer (T2/2) (Feb 2018 - Present)  
Working on PubSub platform based on Apache Kafka and Kafka streams:  
- Moving all services to Kubernetes.  
- Features for PubSub and enabling TLS across managed Kafka clusters.
- Worked on core platform's Identity Management capabilities.  
- Features for search powered by Elasticsearch.  
- Implemented CD pipeline for team's services with Packer, Terraform and Jenkins while moving from data centers to AWS.
- Helpshift** Software Engineer II (Aug 2016 - Feb 2018)  
Worked as a Backend Developer in Clojure/Java.  
- Wrote a highly available ticket routing engine that fairly routes all issues created by end-users to agents that can work on them for our flagship mobile SaaS CRM product.  
- Implemented (as part of a team of three) backend services for SLA management with SLAs having granularity from seconds to days. The service is highly available, provides soft real-time guarantees and is horizontally scalable.  
- Improved Elasticsearch indexing performance of a batch job by 300%.  
- Helped build awareness of features in our main development environment in the company, i.e. Emacs.
- SAP Labs** Associate Developer (Aug 2015 - Aug 2016)  
Worked on one of Hybris implementations- an e-commerce suite that uses Spring as its foundation. I was also responsible for fixing issues and providing enhancements to SAP's Policy Management solution written in ABAP.

## EDUCATION

National Institute of Technology, Hamirpur: B.Tech E&CE	CGPA: 8.45
Bal Bharati Public School, Noida: CBSE XII	82% marks
Karl Huber School, Gaziabad: CBSE X	94% marks

## PERSONAL PROJECTS

I have some of my projects on github:  
<http://github.com/narendraj9>.

## **MISCELLANY**

**Interests** I find it interesting to learn new languages that teach me new paradigms of thinking about programming. Recently, I have been trying Elixir and find it very interesting. The rest of my time is spent configuring my Emacs setup:  
<https://gitlab.com/narendraj9/dot-emacs>.