

Work Experience

Baeldung (Technical Author)

(June 2017 – Present)

I write tutorials on Java, Spring and Apache libraries.

Technologies: Java, Spring

Turtlemint (Software Engineer)

(Jan 2016 – Present)

- Live product which sells insurance online to both consumers and businesses.
- Worked on the architecture, automation of tasks and deployment of their main product Mintpro using tools like Docker, Ansible & SBT
- Notification service which handles different types of communication with user(Push notification, SMS, email).
- Developed an automated internal tool which helps in mapping our vehicle database with every individual insurers data regularly

Technologies: Java, Play framework, MongoDB, AngularJS, Elasticsearch, Spring 5, Spring Boot 2, Spring Data Reactive, Docker, Ansible, Sails JS

Ishi Informations Systems (Junior Programmer Analyst)

(Dec 2013 – Dec 2015)

Data Retention and Analytics Team

(Nov 2015 – Dec 2015)

An enterprise application for storing big data and performing real-time analytics.

- Wrote a Flume Sink and a custom Metrics Reporter which received data and calculated certain metrics and sent it to Ambari Metrics Collector. Wrote a Bolt for the same.

Technologies: Apache Storm, Java, Ambari Metrics Collector, Apache Flume, Metrics Core

Network Security System

(July 2014 – Nov 2015)

An enterprise product for providing telecommunication services for Home Location Registry(HLR) & Visitor Location Registry(VLR).

- Worked on parsing messages(PDU), portal management, database management and providing REST API's for numerous services.
- Evaluated Docker & Kubernetes and how they can be used in our project to reduce infrastructure costs
- Wrote a custom module for Freeradius to authorize SIM cards as per our requirements

Technologies: Java, Docker, Kubernetes, Yeoman, TDD, REST, Spring, Hibernate, MongoDB, AngularJS, BootStrap, Gradle, SONAR, FreeRadius

Precis

(Jan 2014 – June 2014)

A product which parses resumes and then prioritizes intelligently the candidates according to the job description posted by a recruiter.

- Wrote resume parsing logic to identify relevant information.
- Applied the concepts of Machine Learning & Natural Language Processing to improve accuracy.
- Wrote a resume rating algorithm which intelligently rated a resume considering minute parameters that job portals often overlooked.
- Worked on doing a live speaker diarization of the telephonic interviews by applying the concepts of machine learning and audio processing using HTML5 Web Audio Library.

Technologies: Django, Python, AngularJS, NLTK, SciPy

Education

Dhirubhai Ambani Institute of Information and Communication Technology

(July 2010 – May 2014)

B.Tech, Information & Communication Technology (CPI: 7.14/10)

Intermediate, C.B.S.E (91.6 %)

March 2010

Matriculation, C.B.S.E (94 %)

March 2008

Links

- <https://github.com/mohitsinha>
- <https://in.linkedin.com/in/sinhamohit>
- <http://sinhamohit.com>