

EDUCATION

University of California, Irvine

Master of Science in Computer Engineering

March 2016

GPA: 3.75/4.0

Bharati Vidyapeeth's College of Engineering

Bachelor of Technology Computer Science and Engineering

May 2011

78.45 %

EXPERIENCE

Lead/Principal Software Engineer

August 2017- present

Unifi Software (acquired by Dell Boomi), San Mateo, CA

- Developing new pluggable APIs using technologies like Scala, Akka, Spark, Python, PostgreSQL.
- Worked on adding the capability of spark streaming using Apache Kafka to stream data and use spark job server for submitting and managing Spark jobs.
- Developed parser to automatically parse semi and unstructured data and represent the data in a flattened, tabular structure that is easy to consume by the end-users.
- Improved the function library by implementing an expression generator that ensures the SQL statement is syntactically accurate and can be run by the transformed environment.

Senior Backend Engineer

June 2017- August 2017

Import.io, Los Gatos, CA

- Built the backend API for screen capturing the web pages being crawled, object store scripts to migrate data, fixing critical bugs related to billings and subscriptions.
- Maintaining the integration between Salesforce and the core product.

Software Development Engineer

April 2016 - June 2017

Informatica Corporation, Redwood City, CA

- Implemented dynamic target creator for Informatica mapping designer which transforms source data and stores them in a flat file, Amazon Redshift, relational and Salesforce databases without requiring the target syntax.
- Implemented SAP IDoc writer as a target type for Informatica mapping transformation.
- Optimized performance for data grids with over >10,000 records, by using temporary tables, materialized views and processed records in subsets when applying for filters and user permissions.

Software Development Intern

June 2015 - September 2015

Informatica Corporation, Redwood City, CA

- Implemented tag support to organize Informatica cloud services (ICS) like data synchronization, data replication, and mapping configurations. Developed a tag widget with autocomplete support, tri-state control, and custom validations.
- Implemented search engine for ICS application, using Elasticsearch indexed MySQL data and displayed search results for heterogeneous objects.

Software Specialist

July 2011 - August 2014

Parametric Technology Corporation

- Redesigned old architecture pages to spring framework and developed features like drill-down, advanced filters, tags and decorators for data grids and chart APIs resulting in improved efficiency and reusability.
- Created service to track the progress of all processes running in the application and used polling to track the state change. An activity log page displayed these state changes.
- Improved user access control by implementing folder and role-based access rights.
- Lead the development task for Approval Workflow and Pricing strategies for BMW by contributing to design, development and testing phases.