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ASHWIN RAMAN

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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

Senior Software Engineer
Unifi Software, San Mateo, CA

August 2017- present

- Developing new pluggable APIs using technologies like Scala, Akka, Spark, Python, PostgreSQL.
- Developed dynamic parser to auto-detect datatypes for input datasets.
- Designed and developed API support for reading XML source data to flattened data frames.
- Worked on proof of concept for customers to add the capability of spark streaming using Apache Kafka to stream data source.

Backend Engineer
Import.io, Los Gatos, CA

June 2017 - August 2017

- 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
Informatica Corporation, Redwood City, CA

April 2016 - June 2017

- Implemented dynamic target creator for Informatica mapping designer which transforms source data and stores them in flat file, Amazon Redshift, relational and Salesforce databases without requiring the target syntax.
- Implemented SAP IDoc writer as 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 filters and user permissions.

Software Development, Intern
Informatica Corporation, Redwood City, CA

June 2015 - September 2015

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

Software Specialist
Parametric Technology Corporation, Gurgaon, India

July 2011 - August 2014

- 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 in design, development and testing phases.