

Summary

Senior Software Engineer with 7 years of experience, who loves finding solutions to complex problems, designing fault tolerant and scalable distributed systems.

Work Experience

Compass(Senior Software Engineer)

04/2022-Present

New York City, New York

- Designing frameworks/infrastructure for asynchronous message driven pipelines.
- Implementing pragmatic solutions using appropriate design patterns while exploring alternatives and trade offs.
- Improving engineering excellence, identifying problems with existing software designs and proposing new solutions.

FactSet Research Systems(Senior Software Engineer)

06/25/2018-04/2022

45 Glover Avenue, Norwalk, CT, 06850

- Engineering distributed orchestration systems to deploy ingestion pipelines and web services in Heroku and AWS.
- Integrating cloud-based SAAS systems for metrics gathering, service monitoring, bookkeeping, logging, service discovery, service configuration, document search, pipeline inspection, etc.
- Building pipelines capable of processing millions of documents per day across multiple Availability Zones/Regions with zero downtime and with a "batteries included" philosophy to lower product integration time.
- Recipient of CEO recognition awards 2021

FactSet Research Systems(Software Engineer - II)

06/24/2013 - 07/15/2016

5th Floor, Block-3, DLF Building, Gachibowli, Hyderabad, Telangana, 500019, India

- My primary responsibilities include developing and maintaining ETL pipeline in NEWS platform, handling oncall issues, code reviews, communicating with vendors and Product Engineers, training new hires, etc.
- Apart from my assigned work I was also a member of the documentation committee, created other tools to search internal documentation, file reports, manage services, etc.
- Received Blue Ribbon award for performance excellence.

Central Electronics Engineering Research Institute(Thesis work)

01/10/2013-06/15/2013

CEERI, Tharamani, Chennai, Tamil Nadu 600113, India

- Built an electric wheelchair that can be controlled by the mind. This helped the department get more funding.
- Extra-work: Written Proof Of Concept software for recognizing types of heartbeat malfunctions using SVMs(Support Vector Machines)

Simulator Development Division, Indian Army(Intern)

05/15/2012-07/15/2012

Ward No 7 Secunderabad, Gandhi Nagar, Trimulgherry, Secunderabad, Telangana 500015, India

- Responsible for connecting the organization and my University for the internship program
- Build a drone to navigate indoors using a Kinect motion sensor

Central Electronics Engineering Research Institute (Intern)

05/15/2011-07/15/2011

CEERI, Tharamani, Chennai, Tamil Nadu 600113, India

- Built a solar tracker that maximizes solar payload onto a solar panel. Built models in Mathematica to simulate energy output and wind pressure sustainability requirements for local weather conditions.

Education

The University of Texas at Dallas

08/10/2016-05/25/2018

Master of Computer Science: Data Science/Machine Learning track (GPA: 3.9)

Birla Institute of Technology and Science

08/10/2009 - 05/15/2013

B.E Hons.

Skills

Python, Java, Javascript, Perl, Shell, Redis, SQL, Elasticsearch, Kafka, Kibana, sentry, AWS, SQL, git, perforce.