

## WORK EXPERIENCE

### Senior Software Engineer

MMIT

June 2023 - Present

*Boston, MA*

- Engineered and maintained scalable, high-performance systems using Python, TypeScript, React.js, AWS, MongoDB, PostgreSQL, DBT and Snowflake to support data-driven pharmaceutical solutions.
- Led development on two major projects - a large-scale web scraping system for pharmaceutical documents and a data pipeline platform enabling real-time delivery and comparison for end users.
- Optimized internal document workflows by redesigning review and approval processes, **reducing turnaround time by 90%** and accelerating delivery to clients.
- Developed AWS Lambda based email schedulers that automatically notified clients of document updates, ensuring access to the latest information and improving engagement..
- Designed data transformation pipelines that generated clear document summaries and change insights, enhancing transparency and usability for stakeholders.
- Partnered with product and business teams to define technical strategies and deliver scalable, impactful solutions aligned with business goals.
- Collaborated closely with UX and UI teams to build intuitive, high-quality interfaces that improved customer experience and adoption.

### Fullstack Developer

Abacus Insights Inc

Nov 2019 – May 2023

*Boston, MA*

- Designed and developed a modern, responsive interface for the Abacus Platform using React.js, improving usability and reducing page load time by 40%.
- Built and maintained robust applications using JavaScript, TypeScript, Python, Webpack, and HTML to deliver consistent, production-ready solutions.
- Drove close collaboration between UX, UI, and engineering teams to ensure design consistency and a frictionless user experience.
- Architected and deployed scalable applications on AWS, leveraging EC2, S3, Lambda, CloudFront, and CloudWatch for high availability and performance.
- Automated infrastructure provisioning and configuration using CloudFormation and Terraform, **cutting deployment time by 60%** and reducing manual errors.

### Software Developer

SS&C Intralinks

Jun 2016 – Oct 2019

*Waltham, MA*

- Developed responsive, high-performing web interfaces using Backbone.js and React.js, improving user experience and front-end scalability.
- Delivered full-stack features using Node.js, SQL, and MongoDB, contributing to stable, maintainable production systems.
- Built automated testing frameworks using Selenium, Chai.js, and Mocha.js, **increasing test coverage by 70%** and improving release quality.
- Contributed across all stages of the software development lifecycle from design and implementation to testing and deployment.
- Refactored and modernized legacy codebases to current standards, **reducing technical debt by 40%** and improving system performance and maintainability.

## CERTIFICATIONS

- **Professional Scrum Master-I:** Certified by scrum.org

## LANGUAGES AND TECHNOLOGIES

- React, Typescript, PostgreSQL, MongoDB, Redis, HTML
- Python, CSS, Webpack, MongoDB
- Agile Development, Jira, Confluence, DBT, FiveTran
- AWS, RESTful, Kubernetes, Micro Services, Snowflake

## EDUCATION

San Jose, CA

International Technological University

May 2014 – Sep 2015

MS in Software Engineering

Coursework: Data Structures and Algorithms, C++, Computer Algorithms, Machine Learning

Mumbai, India

University of Mumbai

Aug 2007 – Jun 2012

BS in Chemical Engineering

Coursework: Transport Phenomena, Instrumentation and Process Control, Process Calculations, Fluid Dynamics