

## Profile

A graduate student from University of Washington with H4 visa and approved EAD. Having more than 3 years of experience in Java and Full Stack development. I have exposure to insurance sector and front end development. As a software engineer, I have a strong programming foundation, a thorough understanding of data structure & algorithms, and significant understanding of relational and non relational databases.

## Experience Summary

- **Languages:** JAVA, Python, SQL, PL/SQL, GraphTalk, C, JavaScript(ReactJS, NodeJS, jQuery), HTML, CSS, JSON, etc.
- **Database Tools:** MySQL, MongoDB, Oracle 11g
- **Coding Environment:** Eclipse, NetBeans, PyCharm, Jupyter Notebook, Visual Studio
- **Frameworks:** Spring, Spring boot, Spring MVC.
- **Technologies/Tools/Methodology:** Web Services (Soap and Rest API), Junit, Maven, JPA, JBPM, KIE Workbench, Soap UI, GitHub, Bitbucket, JIRA, Jenkins, ServiceNow, WinSCP, Putty, Agile/Scrum, Microservices
- Experience working in the Agile delivery models.
- Certifications : Udemy - Python Developer 2022, IKM - Oracle 11G PL/SQL L1, IKM - Mainframe L1

## WORK EXPERIENCE

**DXC Technologies, Mumbai, India** **Software Engineer** **Dec 2021 – Feb 2022**

**Insurance Reporting System** (JavaScript, Front-end development, Java, SQL, Graph Talk,)

- Upgraded user insurance reporting system to improve computational efficiency. The project involved auditing the system, fixing batching algorithms, and setting up post-launch health tracking.
- Improved the median processing time from 30m to less than 5 mins for the average daily workload of ~20k user profiles.
- Enhanced efficiency, quality data, scope, operability, and flexibility of applications.

**Larsen & Toubro Infotech, Mumbai, India** **Software Engineer** **Feb 2018 – Dec 2021**

**Payment Automation System: SBI Life Insurance Client** (Java, SQL, Graph Talk, JavaScript)

- Created automated payout module to replace legacy manual payout computation flows, requiring ~100 people to audit ~1M cases per week.
- The automated system reduced case processing times to less than 2 hours. This enabled the team to post daily updates for downstream systems. Also, the automation removed the inaccuracies due to manual errors.
- Developed, improved, and operated web-based software.
- The technology used: React, JavaScript, HTML, CSS, etc.

**Config Driven Policy Updation System: SBI Life Insurance Client** (JavaScript, Java, SQL, Graph Talk)

- Migrated the legacy monolithic core TDS/Penal interest modules, unclaimed and policy revival modules, to an updated config-driven system.
- This enabled the team to meet response deadlines triggered by immediate changes in Central Bank policies during the coronavirus pandemic.
- This directly impacted over 100M SBI Life Insurance customers and helped in ensuring the quick reach of the relief programs initiated by the Government of India.

**Good and Services Taxation System: SBI Life Insurance Client** (Java, SQL, Graph Talk, Front-end development)

- Created a new system to accommodate the new taxation policy (GST) issued by the Central Bank of India.
- I worked as a tech lead with a team of 3 additional engineers to build a complete end-to-end solution including core implementation of the system, launch plan, and post-launch health monitoring. This impacted over 100M SBI Life Insurance customers.

**Policy Customization System: SBI Life Insurance Client**

(Java, SQL, Graph Talk, Front-end development)

- Created a new product to enable customers to fine-tune customizations against choosing from limited pre-customized options for their life insurance needs.
- Working as a backend tech lead, collaborated with client representatives and other XFNs to design a complex system supporting over 100 user-specific customizations.

**Ownership and Maintenance: SBI Life Insurance Client**

- Worked as a Tech Lead in various projects, successfully resolving project ambiguities and XFN conflicts while working with clients for shipping efficient and quality solutions.
- Helped in onboarding 8 new engineers to my team and mentoring 4 other engineers from sister teams.
- Holding ownership of various modules, created/implemented/monitored better engineering projects to improve the existing state of the systems.
- Creating and executing unit tests and performing basic application testing.

**Reliance Jio, Mumbai, India****Software Engineer Intern****Dec 2015 – Jan 2016**

- Worked on troubleshooting Optical fiber link errors in the first pan-India 4G network expansion plan, launched by Reliance Jio. The project involved a quality check of Synchronous Digital Hierarchy implementation over OTN protocol.

**EDUCATION**

Examination	Year	University	CGPA
Full Stack Coding Boot Camp	Sep 2022 -Dec 2022	University of Washington	4/4
Bachelor of Engineering (Electronics & Telecommunication)	Jul 2013 – May 2017	University of Mumbai, India	7.67 / 10

**ACADEMIC/SELF PROJECTS****Star Kids App :**(NodeJS, jQuery, MVC, Sequelize) [[website](#), [github](#)]

- An application to manage and monitor tasks assigned to kids at home or school. It is based on star chart concept.

**Hiking-App:** (NodeJS, jQuery, JavaScript, Materialize for CSS-framework, 3rd party APIs) [[website](#), [github](#)]

- The app allows users to search a valid city name to be provided with a list of national parks in their state. For each park, we provide a list of activities that are available there, directions to get there, and the weather at their initial search location. The site utilizes the google maps places api, national park service api, openweathermap geo and data api.

**Note-Taker App:** (HTML, CSS, Bootstrap, JavaScript, Node.js, Express.js, Uniqid) [[website](#), [github](#)]

- The app can be used to write and save notes. This application uses an Express.js back end and will save and retrieve note data from a JSON file.

**Eye Controlled Wheelchair using Machine Learning:**

- Used Viola Jones Algorithm for Face Detection to create a proof of concept. Our prototype achieved 70% accuracy for simple activities and 25% accuracy for complex signs.

**ACHIEVEMENTS**

- **Chairman of Robotics Club** in College for 1 year.  
Lead a team of 30 students having 400 plus members, organised Level 1, Level 3, Motion Sensing and gestures controlling and other workshops.

*(Authorized to work for any US employer)*