

SHREYA MISHRA

22501 69th Pl W, Mountlake Terrace, WA

www.linkedin.com/in/shreyaM9618

425-534-4642 /shreym96@uw.edu

EDUCATION

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

Experience Summary

- Passionate full-stack engineer with 3+ years of hands-on experience in developing scalable websites/applications using a wide range of front-end and back-end skills like HTML, CSS, JavaScript, JSON, JAVA, etc. Developed 20+ websites from scratch. Looking to further enhance HTML5, CSS3, and JS skills as a future full-stack developer.
- Strong emphasis and in-depth knowledge of OOPS, Collection Framework, and Exception Handling.
- Experience in developing REST-based web services.
- Expertise in Object-Oriented Programming/Development and design skills.
- Strong implementation knowledge of Java.
- Worked on databases like MYSQL.
- Adapted Model-View-Controller (MVC) frameworks for developing web applications.
- Used React JS for built-in and synchronizing models with SPA.
- Significant experience in designing and developing Single Page Applications (SPA) using AngularJS MVC framework.
- Excellent analytical, communication, and Organizational skills with a zeal to learn new technologies.
- Experience in performing requirement analysis working with software vendors.
- Experience in developing applications using VS code.
- Experience working in the Agile delivery models using Jira.

WORK EXPERIENCE

DXC Technologies, Mumbai, India	Software Engineer	Dec 2021 – Feb 2022
Insurance Reporting System (Java, SQL, Graph Talk, JavaScript, Front-end development)		

- 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	(Java, SQL, Graph Talk)
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- 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 Inte	Dec 2015 – Jan 2016
<ul style="list-style-type: none"> 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. 		

ACADEMIC PROJECTS AND ACHIEVEMENTS

- Star Kids App:** <https://starkids-app.herokuapp.com/>
A full-stack application to manage and divide your tasks.
- Hiking-App:** Utilizing google maps places API, National Park API, and Open Weather app API.
Link: <https://mattmack.github.io/hiking-app/>
- Note-Taker App** <https://simply-notes-at-your-rescue.herokuapp.com/>
The application uses an Express.js back end and will save and retrieve note data from a JSON file
- Link: <https://shreyamishra9618.github.io/work-day-scheduler/>
- 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.
- Chairman of Robotics Club** in College for 1 year: 2015-16
- Certifications :** Udemy - Python Developer 2022; IKM - Oracle 11G PL/SQL L1, IKM - Mainframe L1
- GitHub Profile: <https://github.com/shreyamishra9618>

(Authorized to work for any US employer)