ARCHISMITA GHOSH

SOFTWARE ENGINEERING INTERN

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EDUCATION

NC State University, Raleigh, North Carolina   **Aug 2024 - Expected May 2026**

Masters of Computer Science

Coursework - Design and Analysis of Algorithms, Software Engineering, Automated Learning and Data Analysis

Maulana Abul Kalam Azad University of Technology, Kolkata, India   **Aug 2016 - July 2020**

Bachelor of Technology in Electronics and Communication Engineering

Coursework - Data Structures and Algorithms, Database Management Systems, Operating Systems

SKILLS

Frontend Development - Javascript, AngularJS, ReactJS, Customtkinter

Backend Development - Java, Spring Boot, Python, Django

Database - MySQL

Testing - JUnit, Selenium Cucumber

WORK EXPERIENCE

Senior Software Engineer, LTIMindtree, Bengaluru, India   **June 2022 - July 2024**

- Developed the UI for an e-communication framework using ReactJS to generate paperless billing notifications for insurance premiums.
- Incorporated option to create a global paperless preference toggle for multiple accounts on user interface which led to 80% decrease in bills sent by US Mail
- Built the client-side framework using AngularJS for updating beneficiaries for life insurance consumers
- Added readable tooltips and tested via JAWS and WAVE tools to make application 100% ADA compliant.

Software Engineer, Mindtree, Bengaluru, India   **Jan 2021 - May 2022**

- Developed UI for epayment application where insurance customers get an option to click a link and do single-sign-on to a bank payment page to pay their premium.
- Created a toggle on click of SSO link that helped customers opt into notifications easily, leading to a 50% increase in paperless notification sign-ins.

PROJECTS

- Flask/Customtkinter - Intrusion Detection System to detect malicious activity in network traffic
- Spring Boot/AngularJS - Bank Management System
- Django - Real-time chat application

ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Bengali
- **Certifications:** Meta Backend Developer Certificate, Coursera
- **Volunteering** : Yuvati- Worked as a content writer for a social media platform for Yuvati organization which is involved in educating underprivileged women about menstrual hygiene and providing them with clean and safe products for their cycles.