

EDUCATION

- **University of Maryland, Baltimore county** Baltimore, MD
Master of Science in Computer Science *Aug 2022 - May 2024 (Tentative)*
(Course work: Design and Analysis of Algorithms, Advance computer architecture, Digital image processing)
- **Techno India, Saltlake (GPA: 8.2/10.0)** Kolkata, India
Bachelor of Engineering in Information Technology *Aug. 2014 - July. 2018*

EXPERIENCE

- **University of Maryland, Baltimore County** Maryland, US

Research Assistance Nov 2020 - present
 - working currently in VLSI SOC lab under professor Riadul Islam. The work is comprised of creative architecture of spatial temporal signals with spiking neural networks using RNN.
 - Language used : Matlab and Python
- **Tata Consultancy Services** Chennai, India

Metlife (Agile) Oct 2020 - Aug 2022
 - Used React Saga to polish the data and for unidirectional flow.
 - Implemented Next.js with Contentful CMS application to improve the build and site performance
 - Improved ADA and SEO compliance of the website
 - Designed and developed features and requirements for the website such as Introductory Page, FAQs, Products Services templates, Header templates, and others.
 - Expanded the existing global website with feature-embedded country-specific sub-sites
 - Developed components like chevron, articles, pages, carousal, banners, and others for enhancement of the website and easy authoring to the customers. Maintained states in the stores and dispatched the actions using redux.
Transamerica(Agile) Sep 2019 - Oct 2020
 - Exposure to all SDLC phases - Requirement analysis, Design, Development, and Testing
 - Participated in the development and support of the sapphire release of 2000+ templates
 - Used React-Router to migrate existing application into Single Page Application. Maintained states in the stores and dispatched the actions using redux.
 - Used RESTful APIs, Middleware, Redux- Promise in application to retrieve data from Back-End using RESTFUL services.
 - Designed CSS templates to be used on all pages of the website working with Background, positioning, text, border, margin, padding, and table
 - Used React Saga to polish the data and for unidirectional flow.
Prudential(Agile) Nov 2018 - Dec 2019
 - Developed code for new modules and delivered 80+ template modules
 - Developed and supported the team for the sapphire release of 2000+ templates with exposure to all SDLC phases
- **Variable Energy Cyclotron Center(Internship)** Kolkata, India
 - Developed Web application for VECC employees based on Grails framework - All the facilities used by the employees such as leave application, medical checkup, and taxation were available in this application. - Developed both the backend and frontend for the same

PROGRAMMING

- **Languages:** Python, Javascript, SQL, React.js
- **Technologies:** GIT, MongoDB, VSCode, Postman, Chrome Dev Tool, Firebase, Material UI