

Sabitha Rachel Nazareth

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TECHNICAL SKILLS

Languages: JavaScript, Python, GraphQL, SQL, R, PHP, Java, C
Frontend: React, Redux, NextJS, Bootstrap, HTML/CSS, Figma, MaterialUI, ShadCN
Backend: Node.js, ExpressJS, Redis, Postman, Apollo
Database/ DevOps: MongoDB, Firebase/ Firestore, MySQL, PostgreSQL, Git, GitHub, Docker, AWS

PROFESSIONAL EXPERIENCE

Software Engineer

Apr 2021 - Oct 2021

EME Tutoring

Dubai, United Arab Emirates

- Designed the prototypes using **Figma** within a **one-week** timeframe through collaborative sessions with clients, ensuring rapid iteration & alignment with project goals; cutting down initial design review time by **60%**
- Led the development of a tutoring app, utilizing **React**, leading to a **45%** increase in user inquiries & **30%** more student enrollment
- Ensured robust **security & authentication** by integrating **Firebase** services & refactored the codebase to reduce lines of code by **50%**, which led to faster feature deployment

Project Engineer

Jun 2019 - Nov 2020

Wipro Limited

Karnataka, India

- Developed production-ready features for the employee onboarding application, leveraging **React, MongoDB, & Node.js**
- Constructed **5+** reusable core React components, streamlining the front-end development process, & positively impacting the user experience of over **3000+** customers
- Implemented **Redis caching** & optimized **REST APIs**, achieving a **60%** reduction in application load time
- Collaborated closely with cross-functional teams throughout the **Agile software development lifecycle**, decreasing bugs by **15%**, which led to a **45%** boost in user satisfaction ratings

Software Engineer Intern

Jul 2018 - Aug 2018

Hewlett Packard Enterprise

Karnataka, India

- Architected the backend system using **PHP & MySQL**, processing **10,000+** price comparisons from over **15** hotel booking websites

PROJECTS

Geographic Information System Dashboard, [GitHub](#)

Jun 2024 - Jul 2024

- Implemented a dashboard using **React.js**, enhancing user experience with real-time weather data
- Integrated **ArcGIS & OpenWeather API** to leverage functionalities, including weather display, location search, & location tracking

BookMyNanny, [GitHub](#)

Oct 2023 - Dec 2023

- Crafted nanny job search application with **React, GraphQL, & Redis Cloud**, addressing the challenge of finding qualified nannies
- Established a real-time chat system through **Firebase/Firestore** & containerized application with **Docker**, enabling efficient iteration
- Spearheaded as a **Scrum Master**, achieving **100%** of **sprint goals** by completing **12** user stories across **4** iterative sprints

Telecom Customer Churn (ML), [GitHub](#)

Nov 2023 - Dec 2023

- Crafted Machine Learning models to analyze over **7,000 customer records**, predicting customer churn with **Python**
- Preprocessed data, performed feature engineering, & utilized Sampling with **SMOTEEN**, achieving an accuracy of **95.3%**

OpenGlass: Project Showcase Application, [GitHub](#)

Oct 2022 - Dec 2022

- Teamed with 4 to build a developer-centric platform to showcase projects, express availability for hire by sharing professional details, post ideas, and connect with developers for potential collaborations
- Architected **REST APIs** with **Node.js, MongoDB & Express**, implementing secure **JWT authentication** for protected data
- Integrated **AWS S3 bucket** functionality, delivering users with a secure method to upload & manage essential assets

EDUCATION

Stevens Institute of Technology

Sep 2022 - May 2024

Master of Science in Computer Science | **GPA: 3.8/4**

New Jersey, United States of America

- Coursework:** Agile Methods of Software Development, Web Development, Machine Learning, DBMS, Data Mining
- Experience:** Graduate Student Assistant, **Awards:** Provost Master's Scholarship

Visvesvaraya Technological University

Aug 2015 - May 2019

Bachelor of Engineering in Computer Science and Engineering | **GPA: 8.1/10**

Karnataka, India

- Coursework:** Data Structures & Algorithm, Object-Oriented Design and Analysis, Machine Learning, Big Data