

Sabitha Rachel Nazareth

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PROFESSIONAL EXPERIENCE

Software Engineer - DigitizefIT, New York, USA

Aug 2024 - Present

- Developing a full-stack AI-powered jewelry try-on platform using **FastAPI** and **React**, enabling users to generate and preview custom jewelry pieces in real time
- Built backend services using **Node.js** for product, stock, & order management in a restaurant management application
- Maintained **React.js** applications for 5 businesses, increasing user engagement by collaborating with clients and product teams
- Minimized infrastructure costs by **60%** by migrating applications to **AWS Fargate, Amplify, S3, API Gateway, and Lambda**

Software Engineer - Bragr, New Jersey, USA

Aug 2024 - Jan 2025

- Designed **Retrieval Augmented Generation (RAG)** for a sports-focused GenAI startup, deploying fine-tuned LLM on Azure Open AI with guardrails, context awareness, and query handling
- Refactored a monolithic codebase into **microservices, architecture** increasing throughput by **50%** under concurrent loads
- Engineered full-stack application, leveraging **Django** and **React**; accelerated client demos, driving early customer interest
- Transitioned to **Azure Cosmos DB**, enabling auto-scalability to handle increasing data and traffic demands and automated **CI/CD** pipelines with **GitHub Actions** and **Azure DevOps**, accelerating deployment time

Full Stack Developer - Al Waris, Dubai, United Arab Emirates

Nov 2020 - Aug 2022

- Redesigned a **Node.js** application for a shipment system, enhancing data management accuracy for over 2,000 shipments
- Devised features such as pending payments tracking, work assignment, and completion updates, decreasing manual errors and saving approximately 40 hours per month in time spent on operational tasks
- Executed unit tests using Jest and secured application with **Auth0** for authentication and authorization
- Accelerated development cycles with **Dockerfile** and **Docker Compose**, refining workflow efficiency

Software Engineer - Wipro Limited, Karnataka, India

Jun 2019 - Nov 2020

- Developed reusable **React** components for the employee onboarding application & improved performance through code splitting and lazy loading, enhancing user experience for over 5,000 users
- Reduced response times by 25% by integrating **Redis** caching, creating indexes, & implementing pagination with **MongoDB & Node.js**
- Worked with cross-functional teams in the **Agile** lifecycle to maintain smooth teamwork and timely project delivery

TECHNICAL SKILLS

Languages:	Python, JavaScript, TypeScript, GraphQL, SQL, R, PHP, Java, C
Frontend:	React.js, Redux, Next.js, Bootstrap, HTML/CSS, Figma, MaterialUI, ShadCN
Backend:	Node.js, Express.js, Django, Postman, Apollo, JSON, NoSQL
Database:	MongoDB, Firestore, CosmosDB, MySQL, PostgreSQL, Redis
DevOps/ Other:	Docker, Amazon Web Services(AWS), Azure, Git, GitHub, CI/CD

PROJECTS

BookMyNanny | GitHub

Oct 2023 - Dec 2023

- Built nanny job search application with **React, GraphQL, & Redis Cloud**, addressing the challenge of finding qualified nannies
- Established a real-time communication system through Firebase/Firestore and application containerization with **Docker**
- Led the team as a Scrum Master, achieving 100% of sprint goals by completing 12 user stories across 4 iterative sprints

OpenGlass: Project Showcase Application | GitHub

Oct 2022 - Dec 2022

- Engineered a developer-centric platform to display projects, post ideas, and connect with developers for collaborations
- Devised RESTful APIs with **Node.js, MongoDB, and Express**, implementing secure JWT authentication for protected data
- Utilized AWS S3 bucket functionality, delivering users with a secure method to upload and manage essential assets

VOLUNTEER

- Opportunity Hack (USA):** Collaborated on building open-source projects, streamlining the functionality of OHack and Quil
- One Community Global (USA):** Automated granting/ revoking of access to Slack, Sentry, & Dropbox for new & offboarding users

EDUCATION

Stevens Institute of Technology, Hoboken, New Jersey, USA

Sep 2022 - May 2024

Master of Science in Computer Science

GPA: 3.77/4.0

Visvesvaraya Technological University, Mangalore, India

Aug 2015 - Jun 2019

Bachelor of Engineering in Computer Science and Engineering

GPA: 8.09/10