

Sabitha Rachel Nazareth

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PROFESSIONAL EXPERIENCE

Software Engineer (Contract) - DigitizeFit, New York, USA **Aug 2024 - Present**

- Developed backend services using **Node.js** for product, stock, & order management in a restaurant management application
- Minimized infrastructure costs by **60%** by migrating applications to **AWS Fargate, Amplify, S3, API Gateway, and Lambda**
- Maintained **React.js** applications for 5+ businesses, increasing user engagement by collaborating with clients and product teams

Software Engineer (Contract) - Bragr, New Jersey, USA **Aug 2024 - Jan 2025**

- Engineered a full-stack system for a sports betting startup, leveraging **Django** and **React** to deliver AI-driven match predictions
- Transitioned to **Azure Cosmos DB**, streamlining scalability and ensuring the handling of increasing data and traffic demands
- Deployed fine-tuned LLMs on **Azure Open AI** and devised a response generator microservice to provide context-aware answers, enabling faster data access for handling concurrent requests & improving response times by 30%
- Reduced deployment time from 30 minutes to 2 minutes per cycle with **CI/CD (GitHub Actions) and Azure DevOps**

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 by integrating **Dockerfile** and **Docker Compose**, refining workflow efficiency

Software Engineer - Wipro Limited, Karnataka, India **Jun 2019 - Nov 2020**

- Designed **React** components for the employee onboarding application, improving the user experience for over 5,000 users
- Tackled performance issues by implementing Redis caching and optimizing APIs with **MongoDB** and **Node.js**, resulting in a 25% reduction in load time
- 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, SpringBoot, 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
- Developed RESTful APIs with **Node.js, MongoDB, and Express**, integrating 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, enhancing 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**