

# SABITHA RACHEL NAZARETH

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## TECHNICAL SKILLS

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**Programming/Markup Languages:** JavaScript, Python, HTML/CSS/JSSX, SQL, GraphQL, Java, PHP, C, R

**Frameworks & Libraries:** ReactJS, Node.js, ExpressJS, Redis, Redux, Material UI, ShadCN, Bootstrap

**Databases & DevOps:** MongoDB, Firebase/ Firestore, MySQL, Git, GitHub, Docker, AWS

## WORK EXPERIENCE

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### Software Developer, Freelance, United Arab Emirates

**Apr 2021 - June 2022**

- Designed UI using Figma & developed responsive websites for startups, EME Tutoring and AI Waris LLC
- Engaged with clients to gather product feedback and achieved client requirements 10% ahead of schedule, demonstrating effective project management skills
- Refactored codebase to boost code performance, resulting in a 20% reduction in application loading time & increasing user efficiency & satisfaction
- **Technologies:** React, ExpressJS, Redux, Firestore

### Project Engineer, Wipro Limited, India

**June 2019 - Nov 2020**

- Implemented employee onboarding application, delivering an automated, end-to-end digital experience, enhancing HR efficiency & new hire engagement
- Engineered dashboard components, improving UI & data management, increasing administrative efficiency
- Boosted application performance by 40% through Redis caching & RESTful API optimization, reducing load times & enhancing system efficiency
- Fostered collaboration, ensuring project milestones were met on time with focus on high-quality outcomes
- **Technologies:** React, ExpressJS, Redis, MongoDB

## PROJECTS

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### BookMyNanny: [GitHub](#)

- Employed wireframing for design and built responsive web platform with React for a nanny services application
- Incorporated GraphQL and Redis to amplify data retrieval efficiency, resulting in reduction in response time
- Managed real-time user interactions via Firebase/ Firestore database & integrated Stripe for secure payments, optimising transaction flows & user experience
- Implemented CI/CD pipelines & containerised applications with Docker, achieving seamless iteration & scalability in an open-source development setting
- Led a team of three as a Scrum Master within an Agile framework, leading successful completion of application

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

- Collaborated with software engineers to craft an application using React, giving developers an intuitive platform to exhibit projects & highlight technologies used
- Architected REST APIs using Node.js, MongoDB & Express, while implementing secure JWT authentication for protected routes, ensuring robust platform security
- Integrated AWS S3 bucket functionality, delivering users with a secure & efficient method to upload & manage essential assets such as resumes, profile pictures, & project images

## EDUCATION

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**Master of Science, Computer Science:**  
**Stevens Institute of Technology, Hoboken, NJ**  
**Scholarships: Provost Master's Scholarship**

**Sept 2022 - Current**  
(Graduating May 2024)

Related Courses: Agile software development, Web Development, Machine Learning, Database Management Systems, Data Mining

**Bachelor of Engineering, Computer Science:**  
**Visvesvaraya Technological University, India**

**Aug 2015 - May 2019**

Related Courses: Machine Learning, Big Data, Data Structures, Algorithm