

# NARESH RAJASEKAR

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## PROFILE:

- ❖ BA graduate with 1+ years of software industry experience.
- ❖ Skilled in secure web application development in JavaScript, React, Node.js.
- ❖ Experienced in REST web-services testing using applications like POSTMAN and Swagger.
- ❖ Seasoned in requirement gathering from client for developing new use case for the product.
- ❖ Experience working in a cross functional Scrum team in an agile environment.
- ❖ Experience in Application support with Log, resolve and escalate tickets/issues made by customers.
- ❖ An enthusiastic person with strong analytical, problem-solving and troubleshooting skills.

## CAREER HISTORY:

**Software Engineer | Theecode Technologies**

**Nov 2022 – Present**

- ❖ Worked on multiple Fin-tech projects simultaneously and participated in the whole software development process from design to implementation and delivery.
- ❖ Planned and estimated the development tasks as part of the SCRUM team and strive for accuracy while meeting deadlines.
- ❖ Implemented solutions as per technical design for new features and changes to existing components.
- ❖ Participated in the full development life-cycle of new functionality and enhancements to existing applications.
- ❖ Participated in changes, and continuous improvements to existing software development, testing and deployment processes.
- ❖ Implemented REST API across the product to enable web service features.
- ❖ Attended meetings and followed a SCRUM agile framework methodology.
- ❖ Used agile methodology for end-to-end development and application support. .
- ❖ Experienced in version control tools like Git repositories using Bit-Bucket.
- ❖ Skilled in REST web-services testing using applications like POSTMAN.
- ❖ Ensure the usage of proper coding standards is employed throughout the project.
- ❖ Assisted in preparing technical design documents and ensuring effective implementation of the product.
- ❖ Played a key role in mentoring and training developer interns, contributing to their professional growth and development

## TECHNOLOGY SKILLS:

- |                        |  |
|------------------------|--|
| ❖ Languages            | JavaScript, TypeScript, Python(General Knowledge). |
| ❖ Frameworks/Libraries | React JS, Next JS, Node JS, Express JS, Nest JS.   |
| ❖ Database             | MongoDB, MySQL, PostgreSQL.                        |
| ❖ ORM                  | Sequelize, TypeORM                                 |
| ❖ IDE                  | Visual Studio Code.                                |
| ❖ Web Technologies     | HTML, CSS, Material UI, Bootstrap.                 |
| ❖ Version Control      | GitHub.  |
| ❖ Management software  | JIRA.  |
| ❖ Repositories         | Bitbucket, Azure.                                  |
| ❖ API Testing          | Postman, Swagger.                                  |
| ❖ Operating Systems    | Windows.   |
| ❖ Cloud                | Azure, AWS.  |
| ❖ MS Office            | Word, Excel, PowerPoint                            |

## EDUCATION

**Full Stack Web Development | Besant Technologies**

**Aug 2022 - Nov 2022**

Modules : HTML, CSS, JavaScript, React JS, Python.

**B.A Political Science | Madras Christian College**

**Jun 2019 - Jun 2022**

## PROJECTS :

### GoStartUpGo Web Application

**Technology :** React.js, Nest.js, PostgreSQL

**Domain :** Edu-Fintech

**Client :** SpacePointe

**Description :** Go Start Up Go is an educational platform for entrepreneurs, offering certification programs in business and finance, access to funding opportunities, and specialized skill training to empower startup success. Our partnerships with industry leaders enhance our funding and training capabilities, while our tailored approach ensures startups have the resources they need to grow and compete effectively in today's market.

### Safety for All

**Technology :** Next.js, Express.js, MySQL

**Domain :** SafetyTech

**Client :** Ergonomia

**Description :** Safety for All is a real-time safety information portal designed to serve Ergonomia's network of companies, significantly enhancing workplace safety protocols. This portal serves as a digital interface for safety management, streamlining communication and operations concerning workplace safety and ergonomics.

## TECHNICAL ACCOMPLISHMENTS :

- ❖ Developed RESTful APIs using Node.js, creating scalable back-end functionality for data handling and business logic.
- ❖ Integrated these APIs seamlessly with front-end UI components using React.js, ensuring a responsive and interactive user experience.
- ❖ Implemented AES 256 encryption/decryption to secure Personal Identifiable Information, mitigating data vulnerabilities.
- ❖ Engineered a user analytics API to capture insights on user device type, OS, location, and engagement metrics.
- ❖ Executed relational database mapping, employing one-to-one and one-to-many relationships for data integrity.
- ❖ Enhanced database reliability with transactional control mechanisms, including rollback and savepoint functions.
- ❖ Integrated Single Sign-On (SSO) to streamline user access across the application suite.
- ❖ Developed wrapper APIs to abstract and simplify interactions with underlying system processes.
- ❖ Designed and enforced customized role-based authorization to secure application access and functionality.
- ❖ Crafted interactive data visualizations using Chart.js for graphs, pie charts, and bar graphs to represent analytics clearly.
- ❖ Secured API endpoints with JSON Web Tokens (JWT) to ensure secure data transmission and authentication.
- ❖ Implemented an OTP verification system via email to enhance user account security and verify transactions.
- ❖ Programmed a feature for regular updates to users via email, keeping them informed about account activity and news.