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NIKHIL UNNI V P

SUMMARY OF WORK EXPERIANCE

April 2018 - Present

QBURST TECHNOLOGIES PVT. LTD

2 years and 5 months of software development experience with major highlights:

- Experience in NodeJS, AngularJS, MongoDB, ExpressJS.
- Experience in Analysis, Design, and Development.
- Extensive programming skills in C++, JavaScript, HTML, CSS.
- Experience in software design and development in Windows, Linux.
- Designed and implemented a SOA microservice with a JSON HTTP REST API.
- Designed and implemented GraphQL schema to communicate REST API server and front-end application.
- Wrote unit tests for new database models and controllers.

April 2017 - April 2018

INTELLECT TECHNOMEDIA

1 Year of software development experience with major highlights:

- Experience in NodeJS, MongoDB, ExpressJS.
- Experience in Analysis, Design, and Development.
- Experience in software design and development in Windows, Linux.
- Designed and implemented a SOA microservice with a JSON HTTP REST API.

TECHNICAL SKILLS:

- **Languages** : C, C++, JavaScript, HTML, TypeScript, GraphQL.
- **Databases** : MongoDB, PostgreSQL, MySQL.
- **Frameworks** : NodeJS, ExpressJS, LoopBack, Apollo Server, ReactJS.
- **Unit Testing** : Mocha, Chai, Jest.

KEY PROJECTS

E-COMMERCE WEB APPLICATION

- **Technology used** : ReactNative, AngularJS, Ruby, NodeJS, GraphQL
- **Role and Responsibilities** :

- Integration of GraphQL and Apollo Server to communicate with the HTTP servers.
- Integration of user-facing elements developed by front-end developers with server side logic
- Writing reusable, testable, and efficient code
- Design and implementation of low-latency, high-availability, and performant applications
- Implementation of security and data protection
- Integration of data storage solutions

E-COMMERCE WEB APPLICATION

- **Technology used** : NodeJS, AngularJS, MongoDB, ExpressJS, Redis.
- **Role and Responsibilities** :
 - Integration of user-facing elements developed by front-end developers with server side logic
 - Writing reusable, testable, and efficient code
 - Design and implementation of low-latency, high-availability, and performant applications
 - Implementation of security and data protection
 - Integration of data storage solutions

PERSONAL PROJECTS

The intention of the below projects developed by myself is to help the society during this pandemic situation.

FIRSTBELL ONLINE

FirstBell Online is a mobile application that helps students learn online in pandemic situations. The app lists all the courses uploaded by the government and allows students to sort and filter their courses efficiently.

- **Technology used** : React Native, Laravel, MySQL
- **Role and Responsibilities** :
 - Designed and implemented a JSON HTTP REST API server.
 - Integration of user-facing elements.
 - Wrote reusable, testable, and efficient code
 - Design and implementation of low-latency, high-availability, and performant applications
 - Implementation of security and data protection
 - Integration of data storage solutions
 - Wrote unit tests and for new database models and controllers as well as view tests with Selenium WebDriver.

CHAIN BREAK DIARY

CHAIN BREAK DIARY is a mobile app that helps each person track their daily routine in pandemic situations to help the campaign of "Let's Break The Chain" and they can create a report of their daily routine when they need it.

- **Technology used** : React Native, NodeJS, PostgreSQL.

- **Role and Responsibilities :**

- Designed and implemented a JSON HTTP REST API server.
- Implemented a TOTP (Time-Based One-Time Password)-based system including database schema design, HTTP request handling, and pages presented to users.
- Integration of user-facing elements.
- Wrote reusable, testable, and efficient code
- Design and implementation of low-latency, high-availability, and performant applications
- Wrote unit tests and for new database models and controllers as well as view tests with Selenium WebDriver.

OPEN-SOURCE CONTRIBUTIONS

- [graphql-dev](#): CLI tool for creating a running Apollo-Server
- [argon2-ffi#41](#): Add Typescript compatibility
- [renderforest-sdk-node#201](#): Add Typescript compatibility

CERTIFICATIONS

- **Machine Learning, StanfordUniversity**
- **Deep Learning Specialization :**
 - Neural Networks and Deep Learning.
 - Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization.
 - Structuring Machine Learning Projects.
 - Convolutional Neural Networks.
 - Sequence Models.

EDUCATION

- **Master of Technology**
 - **Branch** : Computer Science and Engineering.
 - **University** : APJ Abdul Kalam Technological University.
 - **Year of passing** : 2019
- **Bachelor of Technology**
 - **Branch** : Computer Science and Engineering.
 - **University** : University of Calicut.
 - **Year of passing** : 2017

PERSONAL
INFORMATION

- **Date of birth** : October 04, 1995
- **Linguistic Abilities** : English, Malayalam.

REFERENCES

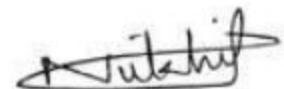
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DECLARATION

I hereby declare that the information and facts stated above are true and correct to the best of my knowledge and belief.

Yours Faithfully,



Date : 15/08/2020

Place : Palakkad

NIKHIL UNNI V P