

# MONIKA PRIYA MURALI KRISHNAN

*Full Stack Java Developer*

📍 Toronto, ON

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## Technical Skills

### Languages

Java, C, C++, Python, ASP.Net

### Scripting Languages

JavaScript, React Native, Stored Procedures, Node JS

### UI Design Languages

HTML, CSS, Angular, React

### Frameworks

Spring, Spring MVC, Spring Boot, Bridge

### Database

Oracle SQL, MySQL, SQL

### Automation Tools

Selenium

### Application Servers

Apache Tomcat, JBoss, WebSphere

### Development Tools

Eclipse, Spring tool suite, RAD, VS Code, IntelliJ,

XCode, Android Studio

### Build Tools

Maven, Openmake, Gradle, Git

## Work Experience

### George Brown College – COOP Project

September 2022 – December 2022

#### React Native Developer | Toronto, ON - Budgetify

- Developed **RESTful API webservices**.
- Worked and managed the data on **Firestore Authentication** and **Firestore database**.
- Used **Git** for version control and have worked with **GitFlow**.
- Contributed to the Development of the mobile application – Budgetify.
- Handled all the tasks assignment to each member of the group using **JIRA** tool.
- Independently worked on the project features and troubleshoot the errors.
- Configured the camera feature to scan the payment slips and fetch the data into the application.

Environment: React Native, HTML, CSS, JS, SQL DB, Oracle, Git, Agile Methodology, Eclipse, Mongo DB, HTML5, CSS3, JavaScript, Oracle, PL/SQL, VS Code, JUnit, JIRA, GitHub, Firestore Authentication, Firestore Cloud Database.

### TATA Consultancy Services

(June 2019 – February 2022)

#### United Services Automobile Association | Associate Consultant | Java Developer | (Feb 2021 – Feb 2022)

- Communicated with the team to design new features and provide updates on development progress.
- Created **Grafana** and **Prometheus** for web applications and configured the Kubernetes pods in Grafana.
- Trained to support server monitoring, troubleshooting, and Incident/Change management.
- Optimized applications for performance and memory usage.
- Designed and developed the user-side web application for the public-side renter's insurance.
- Monitored the **CI/CD deployment** platform and fixed the issues caused by adding the necessary dependencies.
- Gained good knowledge on **Jira Agile project management** for software development and assisting guidance to agile principles like Kanban boards to help standardize the agile.
- Involved extensively in troubleshooting the issues.
- **Have excellent written, presentation, and verbal communication** skills to be able to work well with technical peers and business stakeholders at various levels within the organization.

#### Continental Casualty Company (CNA) | Associate Consultant | Java Developer | (July 2019 – February 2021)

- Provided 100% primary support to the various java applications.
- Analysed highly complex business requirements and generated technical specifications to design or redesign complex software components and applications. Have been flexible and adapted to the changes quickly in a positive manner.
- Followed change management procedures in executing changes as per the schedule.
- Serviced support for server monitoring, troubleshooting, and Incident/Change management.
- Participated in the agile ceremonies and gained a good knowledge of software development and assisted guidance to agile principles.

- Experienced in **Java/J2EE technology** stack, web technologies, basics Unix/Linux, JDBC, and database.
- Worked in a Spring-based application and used Core Java concepts such as Object-oriented programming, Collections framework, Exception Handling, and **JDBC**.
- Monitored the **Informatica** workflow for the Daily/Weekly/Monthly jobs and fixed any issues.
- Reduced the outage of the application by doing daily checkout for the production environment.
- Planned and executed the movement of Bureau application from Bridge framework to Spring framework.
- Conducted Knowledge transfer for the applications.
- Engaged extensively in troubleshooting the issues and finding out root cause analysis.
- Created **PL/SQL stored procedures and functions** for database operations and Year-end activities.

Environment: JAVA/J2EE, Microservices, Spring Boot, NodeJS, RESTful, JSON, HTML, CSS, JS, SQL DB, Oracle, Junit, Jenkins, Git, SonarQube, Java 1.8, Spring, Spring MVC, Java Scripts, Hibernate, Rest, Maven, Agile Methodology, Eclipse, Mongo DB, Log4j, PL/SQL, STS, J2EE, HTML5, CSS3, JavaScript, jQuery, XML, JSP, Oracle, MongoDB, JSP, EC2, S3, RDS, SQS, Docker, JMS, JIRA, PL/SQL, STS, JUnit, Log4J, Web Sphere Application Server.

## Academic Projects

### 1. Volunteer Tracking Application (Technologies: Java, Firebase Cloud Database)

An android application to track the volunteer's volunteering hours and history.

- Played a key role in developing the main pages with reliable, well-structured, and testable code of the application.
- Worked on database storage management.

### 2. Car Service Application (Technologies: Swift, Firebase Cloud Database, Firebase Authentication)

An IOS application for users who wants to find the best service for their cars in the nearest location possible.

- Developed the login and signup screens using the Firebase Authentication services.
- Consolidated the overall working of the application.

## Education

### Mobile Application Development and Design Strategies (Post Graduate Diploma) (Jan 2022 – Dec 2022)

**George Brown College | Toronto, ON**

*Courses:* Object-Oriented Programming with Java, Introduction and Advanced Android Development, Introduction & Advanced IOS Development, Advanced Web Development, Introduction to Database, Mobile Application Strategy

### Bachelor of Science in Computer Science (June 2016 – May 2019)

**SDNB Vaishnav College for Women | Chennai, TN**

*Courses:* OOP in C++, Digital Logic Fundamentals, Data Structures and Algorithms using C++, Microprocessor and its applications, Hadoop, JavaScript, ASP.NET Programming, Operating Systems, RDBMS using Oracle, PHP Programming, Java Programming, Python Programming.

## Certificates & Participations

- Pursued certification in **Core Java** from MICANS INFOTECH project research and development.
- Awarded Best Team for Incident Management.
- Received Appreciation mail from Client for successful deployment of user-side application in production environment.
- Certified **Software Engineering** and **The Joy of Computing Using Python** from NPTEL Online.
- Acquired Computer Training in MS Office.
- **Scrum Fundamental Certified** from Scrum Study – Accreditation body of Scrum and Agile.
- Certified in Occupational Safety and Health Administration.
- **Full Stack Developer Certification** in LinkedIn and various other LinkedIn certifications.

## Volunteer & Community Involvement

**Bhumi NGO** June 2021 – April 2022

Little Einstein Mathematics Project | HR Coordinator | Chennai, India

**Bhumi NGO** June 2020 – April 2021

Little Einstein Mathematics Project | Centre-Level Coordinator | Chennai, India