

# VISAKAN BAPU THURVAS JEYAKUMAR

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## EDUCATION

**Master of Applied Computer Science,  
Dalhousie University, Halifax, Nova Scotia.**

**Sept 17 – Dec 18  
GPA 4.21/4.3**

*Coursework: **Advanced Topics in Web development**, Android application development, **Data Warehousing, Management and Analytics**, Technology Innovation, **Visual analytics**, Advanced topics in computer networks.*

**Bachelor of Technology in Information Technology,  
SASTRA University, Thanjavur, India.**

**Jun 10 - May 14**

*Coursework: Java Programming, Database Management System (DBMS), Operating System, Design and Analysis of Algorithms, **Data Structures**, Software Engineering.*

## TECHNICAL SKILLS

**Java**, Python, **Spring Boot**, JavaScript, **React**, MySQL, Apache Kafka, D3.js, NumPy, **RESTful APIs**, HTML, Bootstrap, Android Studio, **Jenkins**, CSS, Flask, Pandas, **Git**, shell scripting, **SOAP**, **Maven**, Groovy.

## PROFESSIONAL EXPERIENCE

**Associate Software Development Engineer – Bankbazaar.com, India**

**Dec 14 - Aug 17**

Technologies: Java, Spring Boot, MySQL, WireMock, Lombok, Jenkins, Junit, Git, logback, Maven, Linux, JIRA, Agile.

- Reduced the wait time by **90%** for the disbursement of financial products to customers by developing **Spring microservices** and **workflows**.
- Increased the success percentage of the existing frameworks to **90%** by **restructuring the frameworks**.
- Followed Agile and Test-Driven Development techniques to develop robust and maintainable applications in a smaller timespan.
- Performed Continuous Integration/Continuous Deployment using Maven and Jenkins.

**Data and Analytics Developer, Internal Audit – RBC, Toronto, Canada**

**Jan 19 - Aug 19**

Technologies: Python, Flask, React, SQLAlchemy, Postman, Microsoft SQL Server, pytest, Jenkins, Git, Bootstrap.

- Architected, designed and developed a web application to help the auditors keep track of the datasets used in Audit process.
- Gathered and analyzed the business requirements to perform database modelling (SQL Server).
- Designed and Developed several server-side RESTful services using Python Flask and Blueprint libraries.
- Designed and developed the User Interface using React, HTML5, and Bootstrap.

## PROJECTS

- **Web Application: InstaComp (Java, Spring Boot, HTML, CSS, JavaScript, Git, MySQL)**  
Developed an **online marketplace** which would help the user to compare rates of products in both offline and online stores. Used Spring Boot (MVC) framework to create RESTful API's. Made use of HTML5 JS APIs such as Geolocation and Web storage to enhance the user experience. Bootstrap was used to design the application.
- **Web Application: Visual System to help sports team owners (Python, Flask, React, D3.js, scikit-learn)**  
Developed a **visual system** which will help the owners of the sports team to find the **right players in the auction**. Built **RESTful web services** using the Flask framework and transmitted the data in JSON format to the front-end. Developed various visualization using **D3.js** based on player, team and season wise data.
- **Android Application: Event Book (Java, Android Studio, Azure Mobile Services, Git)**  
Developed a **mobile marketplace** for **events** which enables the users to keep track of their events. It also allows the users in storing notes, images, and videos taken during the events in their Google drive. Used Firebase to send reminders about the event to the users. Developed the application based on **Model-View-Controller (MVC)** Pattern.

## ACHIEVEMENTS

- Nominated for Winter 2019 **Student of the Co-op award** in RBC.
- Awarded “**SPOT**” award in December 2016 at Bankbazaar.com.
- Secured **first prize** out of 30 teams in Android Hackathon conducted by ShiftKey Labs (Dalhousie University).

**LinkedIn:** [www.linkedin.com/in/visakan-bapu](https://www.linkedin.com/in/visakan-bapu)

**GitHub:** <https://github.com/visakan4>