

# Vishnu Melayil

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## Summary:

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- Overall 9+ years' experience in web technologies, including 7+ years in Java and web frameworks.
- Expertise in Web frameworks like Spring boot, Spring, Microservices and angular.
- Hands on experience in Cloud Technologies like AWS , Pivotal Cloud foundry and OpenShift container platform
- Domain experience includes working with Retail and Banking sectors across Europe, North America and LATAM region.
- Experienced in all project phases using Waterfall and Agile Methodologies.
- Good exposure on all the SDLC development, unit testing, performance testing, maintenance, and support.

## Technical Skills:

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- **Programming Languages:** Java, JavaScript, shell scripts, SQL, HTML and CSS
- **Frameworks:** Spring boot, ORM Frameworks (Hibernate), Bootstrap and Angular.
- **Cloud Technologies:** Amazon RDS, Amazon EC2, Amazon S3, Basic Cloud computing.
- **Databases:** MySQL and Oracle.
- **Operating Systems:** Windows, Unix, Linux
- **Tools:** Maven, Postman, Bitbucket, Jenkins, Jira and GitHub and OpenShift Container platform.

## Languages:

- Core Java: 7 Years.
- Android (Java): 1 Year
- Webservices (REST): 5 Year
- HTML5, CSS3, JavaScript: 5 Year
- SQL: 5 Year

## Frameworks:

- Spring: 6 Years
- Angular: 1 Year
- Spring Boot: 5 Years
- Bootstrap 4 : 1 Year
- Hibernate: 2 Years

## Experience:

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❖ **Tata Consultancy Services, Chennai**  
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*July 2013 - Current*

### Projects Managed:

#### 1. Citi Group. Mexico

**Role:** Senior Developer - Enterprise Intelligence Automation (Jun-2019 - Current)

- **CI/CD tool created for Performance Engineering**
  - Created a prototype to perform load testing through CI/CD pipeline.
  - Went to client location (Mexico) as a part of deployment and further development.
  - This tool is certifying 700+ microservices production movement.
- **UI Framework migration from Vanilla JavaScript to Angular**

- Identified the old modules, restructured and created corresponding components in Angular 11.
- Packaged the Angular project and created the deployment process to deploy it in container platform.
- **Automated tool created for Testing Latency and Fault Tolerance for Distributed Systems**
  - Developed a utility tool to check the hystrix/resilience honouring for all microservices.
  - Using spring boot framework created the UI and persistence calls to Database.
  - Performed reports for tests using Splunk and delivered using email events.
  - Using JGit SDK read /write the config files in config server(bitbucket).
- **Automated monitoring and report handling**
  - Collected the microservices metrics from AppDynamics, Splunk and load runner.
  - Created meaningful reports for each release cycle and stored in AWS S3 Buckets.

#### **Roles and Responsibilities:**

- Work closely with performance testing related information's from Testing team, Dev team and CI/CD team.
- Created the prototype to understand all the system involved in the process.
- Travelled to client location to closely work with clients.
- Ensure all issues are identified and tracked in JIRA.
- Take care of the agile ceremonies and creation of stories in JIRA and sprint works.
- Provide demos to all the stakeholders about the tool and help them to consume it.
- Provide team leadership and ensure group tasks are appropriately assigned and completed according to an established schedule
- Help new trainees/teammates with the process/knowledge transfer.
- Develop the product using technologies like spring boot, Angular and spring batch.
- Integrate the product deployment with CI/CD Pipeline.
- Migrate the deployment platform from Pivot cloud foundry to OpenShift platform

## **2. Ahold Delhaize-Zaandam Amsterdam**

**Role:** Developer – Web Application Development (Dec-2016 - Jun-2019)

- **Dashboard developments to monitor the logistic/workforce planning.**
  - Worked as a developer and created a web-based dashboard to represent daily workforce details in stores
  - Went to client location to give demos about the dashboards and gathering more information's.
  - This tool helps to resolve any kind of data issues across all stores.
  - Spring boot and JavaScript with html and bootstrap framework used to build this application
- **Notification framework for organization announcements.**
  - Worked as a team member in one of the employment portal applications.
  - Created a module in the portal to notify all the employees about the organization messages.
  - Spring boot, spring batch and oracle technologies where used to build this application.
- **Mobile application for business process management tracking.**
  - Created a mobile application to track day to day business process.
  - This application will track the daily supply chain data, store data are flow from all the distributed systems are properly working or not.
  - Android, Spring boot, Spring JPA and Hibernate where used to build this application
- **Enhancements in Workforce management application.**
  - Based on the new requirements enhancements were doing on daily basis.

- Managed a support team of 5 people to address the issues in production.
- Identified the repeated daily/weekly works and automated the same.

### 3. JCPenney, Chennai

**Role:** Junior Developer – Web Application Development (Jan-2014 - Dec-2016)

- **Forecast planning reports for stores.**
  - Based on the previous year data from ETL and informatica developed a tool to generate reports
  - All the collected data were displaying it in well manner using HTML, CSS and JavaScript as web application
  - Spring framework with spring jdbc and oracle data base were used in this project
- **Enhancement on Pricing and promotion engine**
  - Pricing and promotion engine helps to handle all the promotion types and final prize for products while checkout.
  - I have worked on some of the enhancements to upload the large chunk files which has product and its price.
  - Helped team to debug on production related issues and help them to solve the same.
  - Spring batch, Core java and shell scripts were used in this project.
- **DB2 – Oracle Database Migration for Supplier portal.**
  - One of the supplier portal were migrated from DB2 to Oracle.
  - Re write the sql queries as required.
  - Changed the UI from Portlet factory to HTML and CSS.
  - SQL, HTML and CSS were used as in this project.

### 4. Trainee, Chennai

**Role:** Trainee – (Jul-2013 – Jan-2014)

- As a fresher main responsibility is to learn and adapt to the new environment.
- Created an incubator project to develop a Web application for rural weavers to create an ecommerce platform for trading.

#### Education:

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- **Bachelor of Computer Science in,** Calicut University, India *April 2013*

#### Awards and Accomplishments:

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- Recipient of Microfocus innovate Pride award (2021)
  - Recipient of TCS innovate seed award (2020)

