

Brian D'souza

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OBJECTIVE:

Software developer seeking challenging roles in diverse technologies and industries, driven to innovate and apply both interpersonal and professional skills for mutual organizational and personal growth.

SUMMARY:

- **Over 7 years of IT expertise** across **EduTech, FinTech, Healthcare, and Telecom** industries, adeptly navigating various SDLC methodologies—**Agile, Scrum, and Waterfall**—applying **Agile Test Practices** and **Scripted Test Cases** for TDD methodologies.
- Proficient in **designing, developing, implementing, and testing Java/J2EE applications**, utilizing **Bootstrap, JavaScript, Ajax, jQuery, HTML5, and CSS3** for module development.
- Skilled in enhancing client-side user experiences and performance through **JavaScript** and **jQuery**, while ensuring robust server-side validations with **SpringBoot** and client-side validations using **Thymeleaf**.
- Expertise extending to **Core Java concepts**—**OOPS, Multithreading, Collections Frameworks, Exception Handling, Data structures, and JDBC**—as well as **XML-related technologies** like **DTD/Schema, XML, XSLT (DOM, SAX), and XPATH**.
- Extensive experience in crafting large cross-platform applications using **JAVA, J2EE, Spring Boot, JPA, JSP, Web Services (SOAP, REST), and Microservices, implementing J2EE design patterns (MVC, Singleton, Factory, Adapter, Service Locator, DAO, DTO, Business Delegate)** for **N-Tier distributed Enterprise Applications**.
- Proficiency in Spring Framework modules such as **Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Dashboard, Spring Boot, Spring Microservices, Spring REST, Spring Eureka, and Spring Netflix**, complemented by expertise in **HTML5, CSS3, Bootstrap, JavaScript, and Thymeleaf** for web application design and development, including **responsive design**.

SKILL SET:

Java/J2EE Technologies	Servlets, JSP, JSTL, JDBC, Multithreading
Programming Languages	Java 1.8/11, Python
Application/Web Servers:	Tomcat, Nginx, Nohup
Frameworks	Spring 4.x, Spring Boot, Django, Angular
IDEs	Eclipse, IntelliJ, Visual Studio
ORM Frameworks	Hibernate 4.x and JPA
Web technologies	JavaScript, AJAX, XML, HTML, CSS, HTML5, Bootstrap
Web Services	REST
Methodologies	Agile, Scrum, TDD, Waterfall
Database Servers	MySQL, DynamoDB
Version Control	GIT
Build Tools	Maven, Gradle
Containerization Tools	Docker

PROFESSIONAL EXPERIENCE:

Module Lead-Systems (Full Stack Developer)

Mphasis Ltd, Remote

July 2024 – Present

Responsibilities:

- Lead Developer of a new application designed to generate and manage customer budgets, providing real-time tracking of spending against budget thresholds by aggregating data from various sources. Orchestrated deployment on Kubernetes for optimal scalability and reliability.
- Led the migration of an API from a legacy source to an improved one, managing a smooth transition while in production. Developed thorough testing and rollout strategies to minimize disruption and maximize efficiency.
- Led the end-to-end development of a comprehensive application for generating customer financial insights, overseeing everything from data gathering processes to building big data processing jobs, APIs, cloud-based data storage, and integration with downstream systems like Snowflake and UI teams.
- Facilitated architecture and technical discussions to design a feature for aggregating data from various sources to calculate customer net worth.
- Provided mentorship and guidance to new team members, assisting with onboarding and offering technical support across the team's diverse portfolio of applications.

Assistant Manager (Full Stack Developer)

Reliance JIO, Navi Mumbai

December 2021 – July 2024

Responsibilities:

- Spearheaded SDLC phases employing Agile (SCRUM) and Test Driven Development, ensuring consistent updates for the project manager.
- Designed and crafted user-friendly Spring Boot applications with Thymeleaf for hardware ordering and asset profiling management.
- Collaborated with the Project Manager, leading the migration of an existing Spring JSP project to Spring Boot Thymeleaf, significantly enhancing efficiency and performance.
- Engineered logic using Python ML libraries to analyze daily CDR files containing billions of records from multiple supercores, focusing on dialed and dialer number columns.
- Utilized HTML5, JSP, Bootstrap, CSS, jQuery, and JavaScript and Utilized messaging services: Angular, Kafka, and MQ.
- Familiar with Angular Material and other UI component libraries for designing responsive and aesthetically pleasing user interfaces.
- Developed microservices for telecom inventory management, contributing to streamlined processes.
- Conducted thorough Manual Testing pre-deployment and executed precise bug fixes.
- Leveraged Microsoft Azure pipeline for code build and deployment on Reliance Cloud Servers(GCP), elevating accessibility and scalability.
- Gained hands-on experience with Cloud platforms (GCP/Azure) and DevOps practices through the implementation of Microsoft Azure pipeline for code build and deployment, enhancing overall project efficiency.

Back End Developer

Pyramed Telemedicine, Mumbai

June 2021 – December 2021

Responsibilities:

- Implemented Agile methodologies and actively participated in technical meetings, requirement gathering, analysis, planning, effort estimation, coding, development, and testing.
- Developed complete REST APIs for Admin Dashboard and mobile application, covering Authentication, filters, and Electronic Health Records (EHR) using Spring Boot with Thymeleaf templates.
- Integrated a third-party Payment Gateway Link API for seamless order generation.
- Implemented Sentry for error capture and form.io for efficient interaction between front-end elements and APIs.
- Utilized Swagger and Insomnia for thorough API testing.
- Managed code Build, Test, and Deployment on AWS using Gitlab CI/CD pipeline, ensuring efficient workflows.

Programmer Associate

Decimal Point Analytics, Mumbai

May 2019 – March 2021

Responsibilities:

- Designed and developed web applications for an index-based investment portal using Play Framework. Modules included registration, login, an admin panel, High-Chart API for index data, and File Upload and Parsing functionalities.
- Created an end-to-end CMS portal for a mutual fund company listed on NYSE using JSF and Java Play Framework. This portal featured drag-and-drop and edit capabilities for Home Screen, About Us, and Contact Us sections.
- Integrated Apache Camel POI Library to efficiently process large volumes of data (lakhs of rows) from Excel Sheets.
- Maintained server-side code using Java and Maven for File Parsing, ensuring robust functionality.
- Developed Python scripts for monitoring seven live websites, including web server restoration procedures.
- Utilized Bitbucket for testing and deployment, and implemented GitFlow for project releases on AWS.

Software Developer Intern

India Fastener, Mumbai

December 2018 – May 2019

Responsibilities:

- Worked with best possible UI and UX Framework for Learning Management System.
- Worked with PHP MySQL as backend for storing dynamic database information.

RESEARCH PUBLICATION:

- [Brian D, Amol J \(2019\). Gambling Prediction Analysis. International Journal of Advance and Innovative Research \(IJAIR\), Volume 6, Issue 1\(XXVIII\), pp120-123.](#)
- [Kunal P, Mahendra K, Brian D, Niketa G \(2019\). Breast Cancer Detecting Using WBCD International Interdisciplinary Conference on Recent Trends in Science \(IICRTS\).](#)

EDUCATION:

BITS Pilani, India

M.Tech. Artificial Intelligence and Machine Learning

October 2022 – October 2024

Mithibai College, Mumbai, India

Msc in Computer Science with Grade A

August 2017 – July 2019

University of Mumbai, Mumbai, India

Bsc in Computer Science with Distinction C.G.P.A: 7.00 (88.04%)

June 2014 – July 2017

St Andrews College, Mumbai, India

HSC Science with 50.17%

June 2012 – May 2013

EXTRA CURRICULAR ACTIVITIES:

- Presented Research Paper in National Conference on Emerging Trends for International Journal of Advance and Innovative Research (IJAIR).
- Received CitizenCredit Cooperative Bank's Award for Academic Excellency.
- Volunteer for 2017 BMC election organized by Governor of Maharashtra.
- Organized College Cultural Event as Core Member.
- Won Bronze Medal in Karate (Shodukan in State Level).
- Won Gold Medal in Cancer Funding Camp.