

Vathsalya Bhupathi

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Summary:

- Extensive experience developing enterprise applications using Java and cognate technologies
- Experience with Micro Services on Pivotal Cloud Foundry platform using Netflix OSS.
- RESTful Web service development experience in compliance with Resource Oriented Architecture using Spring-boot, Spring Cloud Services, RabbitMQ and Cassandra.
- Experience with technical practices like TDD, BDD and Continuous Integration.
- Experience with addressing performance issues across the whole stack from applications to operating systems.
- Experience with Build and CI tools: Gradle, Jenkins, SonarQube, Concourse.
- Aware of Scrum/Agile/Waterfall methodologies for product development.
- Proficient at understanding and using design patterns.
- Good at problem solving/performance tuning/debugging enterprise applications.

Education:

Masters in IT from International Institute of Information Technology (IIIT-H) 2010

B.E (Computer Science) from Chaitanya Bharathi Institute of Technology (CBIT), affiliated to Osmania University, Hyderabad. 2007

Work experience:

- Working as Senior Software Engineer at **BizCloud Analytics Inc (Clients: T-Mobile, Fedex)** (February 2016 - Current)
- Worked at **TenXLabs Technologies, Hyderabad, India:** (July 2014 – February 2016) as Senior Software Engineer
- Worked at **Gameloft – Hyderabad, India** (April 2010 – January 2013) as Game Programmer
- Worked at **Micronet Techniks – Hyderabad, India** (June 2007 – July 2008) as Associate Software Engineer

Projects:

Client: TMobile, Bellevue, Washington: (February 2017 – current) as Senior Microservices developer/Technology Lead:

T-Mobile International AG was a German holding company for Deutsche Telekom AG's mobile communications subsidiaries. From 2003 to 2007 T-Mobile International was one of Deutsche Telekom's segments beside the segments of 'Broadband/Fixnet', 'Business Customers' and 'Group HQ and Shared Services'.

Project	Description	Major Responsibilities	Skills
Digital Payment Services	Processing/Handling Payment transactions for different payment models, including One Time Payments, Installment billing and Recurring/Subscription billing. DPS implements Payment modernization to T-Mobile business and technology.	<ul style="list-style-type: none">• Design and develop components on Pivotal Cloud Foundry platform from scratch.• Co-ordinate with micro services team on-shore as well as off-shore to deliver code artifacts.• Groom requirements with product-owner/business analysts.• Work with the Technical Architect to understand and implement the design.• Mentor engineers• Ensure good design and coding standards are maintained through code reviews and design discussions.	<ul style="list-style-type: none">• Highly Scalable Java/Web Services• Microservices, Pivotal Cloud Foundry• Netflix Eureka Discovery Service/Discovery Client• Cassandra /RabbitMQ on Cloud Foundry• Spring-Boot/Data/REST/Cloud services/Batch• Gradle/Maven• Git/Git-flow• SCRUM• Jenkins – CI tool

Client: FedEx Office Corporate Headquarters, Plano, TX: (February 2016 – December 2016) as Microservices developer :

FedEx Corporation is an American multinational courier delivery services company headquartered in Memphis, Tennessee. The company is known for its overnight shipping service, but also for pioneering a system that could track packages and provide real-time updates on package location.

Project	Description	Major Responsibilities	Skills
LastMile – Same Day City	LastMile project for FedEx provides capability to notify package tracking information via Email/Push/SMS channels. The FedEx Android and IOS applications enable live shipment tracking in Map view with In-Your-Area/Next-Stop notifications.	<ul style="list-style-type: none"> Design and develop components on Pivotal Cloud Foundry platform from scratch using a TDD/BDD approach. Co-ordinate with micro services team on-shore as well as off-shore to deliver code artifacts. Groom requirements with product-owner/business analysts. Work with the Technical Architect to understand and implement the design. Mentor engineers Ensure good design and coding standards are maintained through code reviews and design discussions. 	<ul style="list-style-type: none"> Highly Scalable Java/Web Services Microservices, Pivotal Cloud Foundry Netflix Eureka Discovery Service/Discovery Client Redis/RabbitMQ on Cloud Foundry Spring-Boot/Data/ REST/Cloud services Gradle/Maven Git/Git-flow SCRUM Test Driven Development Concourse – CI tool

Project	Description	Major Responsibilities	Skills
FedEx Hold-At-Location (HAL) Inventory Management Portal	Hold at Location inventory portal is a next generation inventory management system for FedEx that interacts with inventory service using REST. The FedEx team members at the Hold-At-Locations will be the end users. Searching by Package tracking number, edit package tracking information to add expiration information etc. are some of the business use cases of HAL.	<ul style="list-style-type: none"> Design and develop components on Pivotal Cloud Foundry platform from scratch using a TDD approach. Lead Web Portal team on-shore as well as off-shore to deliver code artifacts. Groom requirements with product-owner/business analysts. Work with the Technical Architect to understand and implement the design. Mentor engineers Ensure good design and coding standards are maintained through code reviews and design discussions. 	<ul style="list-style-type: none"> Angular 2/TypeScript Angular-cli Grunt/Gulp Html/CSS/SASS Bootstrap/Materialize CSS NodeJS/Node Package Manager Unit testing - Karma E2E tests - Protractor Freemarker templates Pivotal Cloud Foundry Spring-Boot/REST Git SCRUM

TenXLabs Technologies, Hyderabad, India: (July 2014 – February 2016) as Senior Software Engineer

QPID Health, a Partners HealthCare spin-out in late 2012, has a history of innovative partnerships with leading health systems, helping providers achieve their care quality and cost reduction goals with sophisticated analytical software that generates actionable information and clinical insights from patient records.

Project	Description	Major responsibilities	Skills
(QPID ProE), Boston	Massachusetts General Physicians Organization (MGPO) has launched Procedure Order Entry (ProE), a web-based IT application accessed through LMR, Oncall, or the Partners Start Menu to standardize pre-procedure processes. ProE integrates clinical guidelines and personalized peri-operative risk models to inform and document procedural (surgical and percutaneous) decision-making. ProE also helps standardize treatment options and promotes specialist collaboration.	<ul style="list-style-type: none">● Involved in Design, coding and implementation.● Review code.● Work with client on-shore on daily basis.● Mentor team members.● Scrum methodology.● Write Integration and Unit tests – Test Automation.● Bug fixes.	<ul style="list-style-type: none">● Java 7● GWT/Angular JS● PostgreSQL● GIT● Gerrit/Jenkins● XML● JIRA/Confluence● TestNG/Junit● Scrum/Agile● Apache POI● Spring MVC/DATA-REST/Microservices● Hibernate● Glassfish
MemSQL, San Francisco	MemSQL is a distributed, in-memory, SQL database management system. It is a relational database management system (RDBMS) which complies with the properties of atomicity, consistency, isolation, durability (ACID).	<ul style="list-style-type: none">● Testing MemSQL platform for compatibility with MySQL● Write SQL queries● Constructing complex scenario testing and ensure that each release satisfies a certain basic quality bar.	<ul style="list-style-type: none">● Java● JDBC● MySQL● MemSQL/MemSQL Ops● Oracle Virtual Box● Linux internals● Bash Commands

Gameloft – Hyderabad, India: (April 2010 – January 2013) as Game Programmer

Gameloft is a French computer and video game developer and publisher headquartered in Paris, France. The company also has subsidiaries in 31 countries around the world. Gameloft creates games for all digital platforms, including mobile phones, smartphones and tablets (including Apple® iOS and Android® devices), set top box, connected TVs and consoles. Gameloft is present in all continents, distributes its games in 100 countries and employs over 4,000 developers.

Projects: (HEP) Handset Embedded Program

HEP executes the delivery of mobile playable game demos for the yet to be released handsets and also port the demo games across the varied platforms.

Devices: Samsung Note 2, **HTC EVO**, Sony experia X8, **Nokia N8**, **HTC Wildfire S**, HTC Sensation XL

Games: **Assassin's Creed Revelations**, Texas Hold'em Poker 2, **Asphalt 6: Adrenaline**, Block Breaker Deluxe 3, UNO, FAST FIVE

Game	Description	Major responsibilities	Skills
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Asphalt 6: Adrenaline	<p>Asphalt 6: Adrenaline is a racing game playable by 7+ age group. The gameplay of Asphalt 6: Adrenaline is similar to the gameplay of Need for Speed series. The main gameplay involves the player starting out with one or two of the most basic cars and earning money by winning races and performing illegal acts. Money can then be spent on upgrades or new cars.</p>	<ul style="list-style-type: none"> ● Involved in design, coding and implementation. ● Modifying the user interface as per designer specification. ● Implemented Sound Code. ● Bug fixes. ● Day to day responsibilities include development, writing and debugging of code, integrating graphic, sound, and networking component. 	<p>Java 1.6, WTK 2.5, Android 4.0, Mobile media API</p>
Midnight Pool 3	<p>Midnight Pool 3 is a comprehensive, challenging and enjoyable pool game.</p> <p>There are three main game modes in Midnight Pool 3. You can play a quick game against the CPU, take on the in-depth challenge of the career mode. Midnight Pool 3 has a host of power-ups, extra equipment, the ability to level up, and even a trick shot section where you can show off your cuing skills</p> <p>All in all, Midnight Pool 3 is great fun, and is one of the most in-depth pool games available for phones.</p>	<ul style="list-style-type: none"> ● Worked on “Ingame Promotions” ● Integrated “In-App Purchase” -Enables the user to purchase items inside the game. With each purchase, the user will gain cash to spend in the in-game shop ● Multi-lingual support 	<p>Java 1.6, WTK 2.5, J2ME</p>

Micronet Techniks – Hyderabad, India: (June 2007 – July 2008) as Associate Software Engineer

MicroNet provides turnkey solutions and software for a dynamic environment where business and technology strategies converge based on proven process and methodologies.

Application	Description	Major responsibilities	Skills
HELP Desk	<p>The Help desk as an application can be used across the enterprise to have an evolving overview of the work flow and status. It gives the stake holders a bird’s eye view of all ongoing projects in the organization. Can be deployed in multiple domains, Health care taking the predominance</p>	<ul style="list-style-type: none"> ● Involved in coding of sql scripts. ● Bug fixes. ● Front end web development ● Day to day responsibilities include development, writing and debugging of scripts. ● Learning the domain and developing unit test cases. 	<p>Java 1.6, MySQL, JUnit, JSP, Servlets</p>