Vivek Vishwanath Shetye

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**PROFESSIONAL SUMMARY**

* 2.5 + years of IT experience covering all the facets of SDLC life cycle.
* Identification of business needs and constraints, collection of requirements, architecture, implementation, testing, deployment, and maintenance.
* Specialized in developing scalable, reliable, and efficient enterprise applications using JAVA/J2EE, Spring
* Detail oriented, Innovative and result oriented and highly organized with good analytical, problem solving and decision-making skills.
* Ability to learn new technologies, methodologies and adapt to new technical environments quickly.

**TECHNICAL SKILLS**

**Programming Languages:** C, C++, Java (JSP, Servlets, Hibernate, Spring, Java Web-service/RESTful API, Spring Boot, Microservices), C#, Python, PHP, R, JavaScript, GraphQL, HTML 5, CSS

**Databases:** SQL, MySQL, Oracle, Amazon Relational Database Service (RDS)

**Tools & Software:** Eclipse, Spring Tool Suite, NetBeans, Visual Studio Code, Jupyter Notebook, GitHub Desktop, Monday.com, Miro Board, Postman, Insomnia, FileZilla, MySQL Workbench, R Studio, DataGrip, Microsoft Project Plan, System Star

**WORK & LEADERSHIP EXPERIENCE**

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**Quantum Assurance International Inc, Allen – TX. Feb 2022 – Present**

**Software Engineer (Full-Time)**

**Responsibility:**

* Migrated REST APIs to GraphQL which boosted the agency leads generation by nearly 35%.
* Built Apollo GraphQL Server using Node.js to improve the latency and decrease the network traffic.
* Deployed the Apollo server on Heroku cloud platform which increased the speed of API responses by more than 50%.
* Built REST API on AWS to securely store and retrieve the customer insurance policy documents from the S3 buckets.
* Validated data from Lead generation forms using JavaScript, SendGrid APIs and Twilio APIs to avoid spam leads.

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**WebHub Technology, Pune – India. Dec 2018 – Jan 2020**

**Associate Software Engineer (Full-Time)**

**Responsibility:**

* Built reusable code and libraries for future use and ensured the technical feasibility of UI/UX designs.
* Assured that all user input is validated before submitting to back-end services and optimized the application for maximum speed and scalability. Also, collaborated with other team members and stakeholders.
* Built clean and professional user interfaces using ASP.NET MVC4 with Razor syntax, C#, HTML 5, CSS, and JavaScript.

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**Amazon Development Centre India Private Limited, Pune – India Jul 2017 – Oct 2018**

**Customer Service Associate (Full-Time)**

**Responsibility:**

* Worked to deliver timely, accurate and professional customer service to all Amazon customers.
* Communicated with customers primarily through e-mail, chat and phone and utilized a variety of software tools to navigate customer accounts, research and review policies and communicate effective solutions in a fun and fast-paced environment.
* Learned to demonstrate ownership to resolve challenging customer issues, escalating when necessary.

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**Infosys, Goa – India Jan 2016 – Jun 2016**

**Software Engineering Intern (Part-Time)**

**Responsibility:**

Completed the course, guided activities, and individual assignments in the below areas:

* Programming Focus Area (Computation Problem Solving + OOP using Java).
* Database Focus Area (Relational Database Management System).
* Software Engineering Focus Area (Introduction to User Interface Concepts and Web Technology + Software Engineering).

**ACADEMIC PROJECTS**

**Web Application Development on Cloud Platforms (Microsoft Azure, Google Cloud, AWS)**

* Developed web-based applications using PHP and MySQL and completed the given tasks in a specified time. The web applications were deployed on Microsoft Azure, Google Cloud and AWS Cloud Service platforms.
* For faster execution of queries from the database, we performed caching using Redis & Memcache that helped to improve system performance by 40% than its original performance.

**Multi-Client Synchronous, Asynchronous & RPC based Client-Server Communication (Java/Socket Connection)**

* A prototype of a real-time Distributed System where multiple clients gets connected to a server to perform operations using a socket connection.
* Developed a Synchronous (Acknowledge Based) & Asynchronous communication between Client - Server for communication.
* Developed RPC based Synchronous communication where one program in a system request service to a system which is in a different environment.

**TRAINING & CERTIFICATIONS**

* Completed Udemy online course on Full Stack Java Developer - Java + JSP + Restful WS + Spring.
* Completed *C++* and *Java* training conducted by Spoken Tutorial Project, IIT Bombay - India.
* Completed *Amazon Web Services Solutions Architect* course from MindScripts Technologies, Pune - India.

**EDUCATION & QUALIFICATIONS**

**Pursuing Master of Science in Computer Science Jan 2020 – Dec 2021**

**The University of Texas at Arlington**, United States **GPA: 3.538/4.0**

**Bachelor of Engineering in Computer Engineering Jul 2013 – May 2017**

**Shree Rayeshwar Institute of Engineering & Information Technology**, Goa, India **GPA: 3.75/4.0**