**SHRUTHI LELLA**

[**shruthi.lella4589@gmail.com**](mailto:shruthi.lella4589@gmail.com)

**SUMMARY**

Offers around 9 years of progressive advancement in the IT industry, serving as Software Developer. Proficient at designing and formulating web applications, writing code in various languages, feature development and implementation. Highly motivated self-starter with Excellent Communication, Presentation and Problem-Solving Skills and committed to learning recent technologies.

* Proficient experience in software design and development using **Waterfall** and **Agile** scrum methodologies
* Experience developing **Full Stack Applications** using different frameworks and technologies like **Java,** **Spring Boot, Neo4j and Angular 6**
* Working knowledge of containerizing applications using **Docker**
* Worked on applications in **client-server** environments and **web-based** applications
* Developed web-based applications using **MVC** (Model View Controller) framework and **Spring Boot** using **PMD** source code analyzer with clean, efficient, and compact cod
* Experience developing **Single Page Applications** using **Angular 6**
* Well experienced with build tools like **Maven** and **ANT.**
* Experience implementing RESTful **microservices** using Spring Boot
* Developed front-end applications using **Python** and **Django** web framework
* Worked in programming, deploying, configuring through **Apache Tomcat**
* Experience in Web UI development using **HTML5, CSS3, SCSS, Angular6, JavaScript and Bootstrap**
* Assisted in bridging heterogeneous systems through **SOAP** and **REST** **web services**
* Solid understanding and good implementation of **HTTP** client methods
* Good utilization of tools like **Postman** to track the **API** services
* Experience working with **AWS** like **EC2**, **IAM, S3**
* Experience in defining solutions with excellent **Object-Oriented Design**
* Experience of working with **SQL, NoSQL, Graph** and **Cloud** databases
* Experience with unit testing in applications using **Junit**
* Extensive experience in different IDEs like **Eclipse, IntelliJ, NetBeans, Spring Tool Suite,** and **Visual Studio Code**
* Experience using version control systems like **Git, Perforce** and **SVN**
* Working knowledge of other programming languages like **C, C++, Objective C** and markup languages like **XML**
* Experience in generating **UML** use case diagrams using **Rational Rose** and **database diagrams** using **Microsoft Visio**
* Adaptable to quick changes in switching teams and perform efficiently meeting **deadlines**
* Ability to work under pressure and manage (Multiple) project tasks with changing priorities and tight deadlines and can either work **independently** or as part of a **team** with minimal guidance.
* Work collaboratively with project stakeholders to bring the concepts to life.
* Translate complex requirements into an easy-to-understand user experience by following the user-centered design process; along with implementation of **Gestalt Laws**.
* Identify and assist in mitigating project risks.
* Investigate technologies that can be leveraged in various product implementations.
* Design and develop full-stack solutions that meet business requirements and technical standards while maximizing code re-usability.
* Participate in code reviews with tools like **Collaborator** to enhance the code quality
* Experience with CI/CD build pipelines like **TeamCity, Jira, and Confluence.**
* Working experience in Agile project management framework such as **Kanban** and **Scrum** as part of multi-team organizations

**TECHNICAL SKILLS**

**Languages and Packages**: Java, HTML5, CSS3, JavaScript, jQuery, Spring Boot, JSON, Angular6, Docker, Hibernate,AWS, AJAX, PHP, XML, Web Services, C++, C, JDBC, Objective C, Tomcat, Git, SVN, Perforce, JIRA, TeamCity, and Eclipse

**Databases**: MySQL, Oracle 11g, Neo4j

**Platforms**: Windows, Linux, and Macintosh

**PROFESSIONAL EXPERIENCE**

**Wells Fargo – CA, Remote Sep 2021 – Till date**

*Senior Java Full Stack Developer*

**Project Name: Deposits Next Gen and Consumer Deposit Aggregator**

**Project Description:** DNG is the online Checking and Savings account opening platform in Wells Fargo. CDA Handles backend services for Online account opening process.

**Responsibilities:**

* Involved in requirement gathering, designing, and developing the entire system with **Agile-Scrum Methodology.**
* Analyzed the requirements, use cases and prepared design documents.
* Responsible for developing the application using **Angular 6, HTML 5, CSS3, jQuery, Bootstrap and JavaScript.**
* Developed **Single Page Application (SPA)** by using the **Angular6** and Angular Modules (components, services, modules)
* Used **Microservices** with **Spring boot**-based services interacting through **Restful web services**.
* Implemented Routing and **HTTP** modules for navigation between the components and invoking the Rest Services using **GET, POST, PUT, and DELETE** methods.
* Used **Postman** to test the **REST API** calls
* Used **Java8** features like **streams** and **optional**.
* Created RESTful APIs on the server side to perform **CRUD** operations using Java 8.
* Collaborated with product owner, scrum master, and other development team members.
* Developed **POJO's, DAO** which handles all database operations using **Hibernate**.
* Experience in using build/deploy tools such as **Jenkins, Docker** for continuous Integration and Deployment for Microservices.
* Experience with building **Docker** images and running them on Docker container.
* Designed service flows using **mindmap** technique using tools like Mural
* Coordinated with DevOps to bring prod issues and data migrations issues to backlog and story development.
* Perform **code reviews** and fix defects during the **Usability Testing (UT)** and **User acceptance Testing (UAT)**.
* Used **GIT** for Version Controlling and **Jira** as tracking tool.

**State of MA (Secretary of Common Wealth) -Boston, MA Jan 2019 – August 2021**

*Senior Java Specialist*

**Project Name:** **Enterprise Invoice/Service Management (EIM/ESM)**

**Project Description:** Enterprise Invoice/Service Management (EIM/ESM) is an Internet billing and reporting service that replaces paper-based invoicing and streamlines billing for providers and numerous state agencies. EIM/ESM system enables consistent enterprise–wide financial and service delivery reporting reducing administrative burden for agencies and supporting efficient financial management for agencies and providers.

**Responsibilities:**

* Experience working in **Agile** Development following **SCRUM** process, sprint, and daily stand-up meetings.
* Designed and Developed User Interactive (**UI**) Web pages using **HTML5, Angular, Bootstrap, CSS, JavaScript and JQuery.**
* Responsible to enhance the Portal UI using **Python** and **Django’s** view controller and template language to create user-friendly website interface as per the requirements
* Used Python based GUI components in front-end to define selection criteria functionality
* Implemented the **Model View Control (MVC)** architecture using **Spring Boot** and **used Spring Core Annotations** for **Dependency Injection.**
* Used **AJAX** frameworks for server communication and seamless user experience.
* Used **Rest** **Controller** in **Spring Boot** to create Restful Web services and **JSON** objects for communication and developed Restful services endpoints using Spring Boot.
* Implemented **RESTful** **microservices** in **spring boot** enhancing loosely coupled nature in the application
* Experience in using Spring Boot Data JPA Entities for mapping Java classes.
* Used **Streams** expressions available as part of Java 8 to store and process the data.
* Worked with **Postman** for API testing.
* Developed REST APIs and created User Model for application.
* Developed **Entity objects** and used **Hibernate ORM** to access **persistent** data from **MySQL**.
* Maintained user accounts **IAM** in **AWS,** with managing permissions
* Used **Jenkins** and **Maven** to manage automated builds from **GIT** and to track status.
* Created the **Docker** **Containers** and Docker controls for maintaining the application life cycle
* Deployed the web application using **AWS** services like **EC2** and **S3** that generated good revenue
* Implemented **AWS CloudWatch** for setting alarms and used **SNS** for alerting notifications
* Involved in production support, monitoring server and error logs and Foreseeing the Potential Issues and escalating to the higher levels.
* Worked on designing **ETL** processes and develop source to target data mappings, integration workflows and load processes.
* Assisted in developing ETL procedures and standards for the objects performance enhancements and migrated the same from Dev, QA and Prod environments.
* Prepared Test Cases to perform Unit, Integration and System Testing and tested the developed components using **JUnit** framework.

**K12, Herndon, VA Jun 2018 – Dec 2018**

*Software Developer*

**Project Name: Teacher Content Management**

**Project Description:** TCM is an application user interface, where teachers have feasibility to manage student teaching schedule and other tasks on a priority basis.

**Responsibilities:**

* Developed a **full stack application** using **Neo4j** as backend, **Spring Boot** as application framework and **Angular 6** as front end for K12 teachers to customize the content
* Automated the process of manually customizing the content with the solution as full stack application that added excellent value to the business **solving problem of over 5000 teachers**
* Wrote **Neo4j cyphers** in **DAO** to communicate with the services
* Coded **RESTful API** services and implemented **microservices** in **Spring Boot** to retrieve information from the **Neo4j** database
* Integrated dependencies through **Maven** to configure **pom.xml**
* Used **HTTP client** methods like **GET** and **PUT** to retrieve and update data from the backend
* Deployed the **Spring Boot** application in a **Docker** container and displayed the output in **JSON** format
* Designed the front- end in **Angular 6, HTML5** and **SCSS** to show the **JSON** data retrieved from the **Spring Boot** application
* Implemented **Drag-N-Drop** functionality, for re-sequencing the content in **Angular 6**
* Provided **effective solutions** to solve critical problems, in terms of unique constraints and other scenarios
* Followed **Agile** methodology

**Portal Consulting Inc - Morrisville, NC May2018 – Jun 2018**

*Front-end Developer*

**Project Name: Portal User Interface**

**Project Description:** PUI is an application designed to manage customer information

**Responsibilities:**

* Built and maintained user friendly interactive web pages using front-end technologies like **HTML5, CSS3, JavaScript** and **Bootstrap**
* Collaborated with back-end developers and web designers to improve usability
* Provided functional requirement documents and produced efficient prototypes

**Progress Software - Morrisville, NC Jun 2015 – Feb 2018**

*Software Developer*

**Project Name: Internal Task Manager**

**Project Description:** ITM is internal QA testing tool used to run and manage automated tests; provides statistical information of test status.

**Responsibilities:**

* Revamped the web user interface of the automation test server with new features using **Telerik Kendo UI** and other web technologies like **HTML5, CSS3, Angular, JavaScript** and **Bootstrap**
* Framed the web page with clear functionality and **easy-user access** methodology
* Designed interactive forms with proper validations and alerts implementing **JavaScript**
* Provided **statistical reports** in a graphical way, with continuous updates relative to the backend changes, that helped keep track of current system status, like number of resources available at any point of time
* Implemented interactive **UI elements**, to enhance user-friendly features, that eased the work of employees using the system
* Developed **filter, search,** and **sort** functionalities to have feasibility in viewing the required content in the frontend
* Created interactive **drop-down menus, tables,** and other interactive UI elements
* Followed UI design principles like **Gestalt Laws** and **Progressive disclosure** to build the user interface
* Developed a **One place – all information** UI application for **onboarding employees** using **HTML5, CSS3, Angular 4** and **Bootstrap**
* Provided **search functionality** and **feedback** section, to improvise the search functionality
* Most top hits are provided first preference relatively, that allows user to get correct and **latest information**, instead of outdated ones.
* Testing and certifying **ODBC** and **JDBC** drivers linked with SQL, NoSQL and cloud databases like **Hive, MongoDB, Cassandra, Redshift, MySQL, DB2, SQLServer** and **Oracle** on various platforms like **aix, hp, linux, solaris** and **windows**
* Managed Amazon redshift clusters such as launching the cluster by specifying the nodes before testing the driver
* Code new test cases and enhance the existing once using **Java, SQL** and **C++** in **Eclipse and Visual Studio**
* Solved problems effectively and performed **Root Cause Analysis** for failures and environment issues, following **Agile** methodology

**Fidelity Investments - Cary, NC** **Jan 2015 – May 2015**

*Associate Software Engineer Developer*

**Project Name: Audit Trail Service**

**Project Description:** ATS records all the events that happen in managing bonds (buy and sell) customer application (BCA) and save it to the database. It provides an audit trail for actions that happen in the BCA.

**Responsibilities:**

* Designed the backend data structure by using a normalized database schema
* Created a data access object (**DAO**) in **XML** format that uses **iBatis** and act as an interface to perform **SQL** operations
* Developed the code using Test Driven approach by writing **Junit** test cases for each method in the project
* Created a java web application that acts as the Front end using the **Spring MVC** architecture
* Exposed all the functionality as the **SOAP** based web service using **JAX-WS**
* Developed a responsive web application that uses **HTML5, CSS3, JavaScript, jQuery, Bootstrap and Mustache**
* Built a **REST** based web service using **JAX-RS** that will return data in **JSON** format, to handle client-side requests

**EDUCATION**

**Executive Master of Science in Information Security Systems Dec 2019**

*University of the Cumberlands, Williamsburg, KY GPA: 4.00*

**Master of Science in Applied Computer Science Dec 2014**

*Northwest Missouri State University (Northwest) Maryville, MO GPA 3.64*

Courses: Object Oriented Programming, Web Technologies, Database Management Systems, Human Computer Interaction, Network Security, iOS, Project Management, Information Technology Management

* Developed **iOS** app (Teammate Evaluation) with appealing and interactive interface using **Objective C, PHP, JSON, and HTML** for students to perform evaluation on project team based on the criteria provided by the mentor
* Created Tourist System web application for a user-friendly interface using the basic principles of **Human Computer Interaction, HTML, CSS, Java, and Servlets**

**Bachelor of Technology in Information Technology May 2013**

*Jawaharlal Nehru Technological University, India GPA: 3.69*

* Developed a web-based search engine implementing **SEO** mechanisms, **Page Ranking algorithm,** **JSP, JavaScript, HTML, Servlets and SQL Server Database**