

EDUCATION

University of Central Missouri, Lee Summit, Missouri **GPA 3.25/4.0**
Master of Science in Computer Science Aug 2021 - Dec 2022
Coursework: *Java, Cloud Computing, Python, Artificial intelligence, Advanced Algorithm, Big Data, special Topics in Computer Science, Compiler Design*

Lovely Professional University, Punjab, India **GPA 3.7/4.0**
Bachelor of Technology in Computer Science and Engineering Aug 2016 - May 2020
Coursework: *Data Structures & Algorithms, Programming with C, Object Oriented Programming through C++, Java, Operating Systems, Design and Analysis of Algorithms, Computer Networks, Computer Organization & Architecture.*

PROFESSIONAL EXPERIENCE:

- Hands-on experience with **Java 8** features like **Lambda expressions** and **Stream API** for Bulk data operations on Collections which would increase the performance of the Application.
- Extensive experience in developing microservices using **Spring Boot** and followed domain-driven design.
- Proficient in developing enterprise applications with Spring Framework modules like **Spring IOC, Spring MVC, Spring AOP, Spring Boot, Spring Security, Spring Data, Spring Integration, and ORM Frameworks like Hibernate.**
- Experience in using **Jenkins** for CI/CD and **Docker** for packing applications with its dependencies, and **Kubernetes** for deploying Microservices based applications.
- Extensive experience in using different IDEs like **Spring Tool Suite, RAD, Eclipse** and **IntelliJ**
- Experience in developing **RESTful Services** and **SOAP-based Web Services.**
- Developed scalable RESTful services using Java, Spring, and other frameworks to deliver high-quality products to customers. Developed authentication and authorization mechanisms using **OAuth 2.0 and JSON Web Tokens (JWT)** for secure access to RESTful endpoints.
- Experience in working on version controller tools like **GitHub (GIT)** and software builds tool **Apache Maven.**

TECHNICAL SKILLS

Languages:	C++, Java, Python, JavaScript
Databases:	MySQL, MongoDB, PostgreSQL, Redis
Web Technologies:	HTML5, CSS3, Bootstrap, Rest API
Frameworks:	Node.js, React.js, spring, Spring boot.
Tools:	Git, Visual Studio Code, Eclipse, Postman, JIRA, APIGEE EDGE, APIGEE
HYBRID.	
Deployment:	AWS Cloud (S3, RDS, EC2, ECS), GCP, Docker, Kubernetes, Azure

WORK EXPERIENCE

JAVA FULL STACK DEVELOPER | DIGIKEY | Minneapolis , MO **Jan 2023– Jul 2023**

- Developed applications using **Angular8/9, Java8** and new features of java (lambda expressions).
- Developed screens using **HTML5, CSS3, SASS, JavaScript, jQuery** and **AJAX.**
- Design and developed the application using framework **Angular 8/9** with **HTML5, CSS3** and **Typescript.**
- Contribute to team and organizational improvements in process and infrastructure.

- Wrote **Kafka** producers to stream the data from external **rest APIs** to **Kafka** topics.
- Creation of custom **Docker container images, tagging, pushing images, integration of Spring boot application**
- Developed application modules using Spring MVC, Spring Annotations, Spring Beans, Dependency injection with database interface using Hibernate.
- Worked on creation of custom **Docker** container images, tagging, pushing images, integration of **spring** boot
- Developed **Spring Restful/micro services** and implemented **Spring Restful/Micro Services**.
- Worked in Agile Environment and Iterative development Process.
- Used RALLY to implement Agile Methodology for our Application Configured local Maven repositories and scheduled projects in Jenkins for continuous integration/continuous deployment (CI/CD).

SOFTWARE INTERN | IT APPS LLC, Texas

Aug 2022 – Dec 2022 •

Collaborated with a team of 6 for refactoring and optimizing the code before each build release to user acceptance testing (UAT).

- Functioned on development of login system and scholarship module using PHP framework, ran on Apache, connected to the MySQL server, and solved the frontend bugs using HTML5, CSS3, Bootstrap, and jQuery.

JAVA DEVELOPER | PIKE SOLUTIONS | Hyderabad, India

Dec 2019 – Jun 2021 •

Collaborated with a team of 5 members and worked on the development of an E-learning application using the MERN stack.

- Implemented J2EE standards, MVC architecture using Spring MVC framework and combined with ORM framework.
- Developed application modules using Spring MVC, Spring Annotations, Spring Beans, Dependency injection with database interface using Hibernate.
- Dependency injection with database interface using Hibernate.
- Used JavaScript for validations and integrating business server-side components on the client side with in the browser.
- Involved in the design and development of Batch jobs using Spring Batch Architecture
- Designed the architecture to let the third-party services to use the authorization information using OAuth
- Tested Rest API's in Spring controller at backed for JSON data using Postman
- Used Spring boot to create stand-alone spring applications.
- Used Spring Inversion of control to make application easy to test and integrate.
- Created POC using responsive web design Node.js, ReactJS, HTML5 and CSS3

FINAL BACHLORS PROJECT

Ecommerce Website | (ReactJS | NodeJS | JS | HTML | CSS | BOOTSTRAP).

- Developed a full-stack distributed prototype of the Etsy marketplace WEB application scaled to handle over **10,00** users and products.
- Hosted application & database on the **AWS** cloud with **MongoDB** replica set clusters and handled fault tolerance for EC2 instances during partition of database servers and effective load balancing using **AWS ELB** & facilitated Redux for global state management.
- Visualized different sorting techniques (Bubble, Merge, Selection, Insertion) in real-time using web application.

CERTIFICATIONS AND ACHIEVEMENTS

- Certified 'A' Grade in [Advanced java](#) for mobile applications from university of central Missouri MO, USA.
- Certification for completion of Full-Stack Web Development with React by COURSERA and UPGRAD(https://www.coursera.org/account/accomplishments/specialization/T9QKLPJLDHPR?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=pdf_header_button&utm_product=s12n)
- Batch issued by IBM for completing Machine Learning with Python - Level 1



