

INDU PASHAM

✉ Email ☎ Phone 📍 Address in LinkedIn 🐙 GitHub

Professional Summary

- Experienced Full Stack Developer with over 4+ years of hands-on experience in building and maintaining web applications.
- Proficient in both frontend and backend technologies, including Java, Spring Boot, React.js, and Node.js. Strong focus on delivering efficient, scalable, and user-friendly solutions, with a proven track record of driving projects from concept to deployment.
- Solid understanding of Agile methodologies, continuous integration, and cloud-based infrastructure. Passionate about working collaboratively to solve problems and create impactful software.

Technical Skills

- **Methodologies:** SDLC, Agile, Waterfall
- **Languages:** Java, JavaScript, Python, SQL
- **Cloud/Application Server:** AWS, Apache Tomcat
- **SCM/Version Control Tools:** GIT, GitHub, Git Lab, Bitbucket
- **Frameworks/Libraries:** Spring Boot, Spring MVC, React.JS, Node.JS
- **Web Technologies:** HTML5, CSS3, JavaScript, jQuery, XML, Restful API
- **Spring Frameworks:** Spring REST, Spring Web Flow, Spring Batch, Spring Security
- **J2EE Technologies:** Servlets, JSP, JavaBeans, JDBC, Microservices, Multi-threading
- **Databases:** MySQL, MongoDB, PostgreSQL
- **Tools:** Apache Kafka, Maven, Jenkins, Docker, Grafana, Kubernetes, Postman
- **Operating System:** Windows, Linux

Experience

Walmart, California, USA

May 2023 - Present

Software Engineer

- Designed and developed scalable RESTful APIs using Spring Boot, facilitating seamless communication between internal services and external applications.
- Enhanced system efficiency by 25% through implementing an event-driven architecture with Apache Kafka, optimizing data retrieval between microservices.
- Led the secure migration to an OAuth2 based login system using Spring Security, enhancing security and user experience.
- Utilized MongoDB for efficient storage and management of user-generated data in a NoSQL environment.
- Worked on a combination of HTML, CSS, JAVASCRIPT to transform designs and build everything a user sees and interacts with on our website.
- Utilized Java, J2EE, and Spring Boot to develop a new customer portal, resulting in a 20% increase in user engagement and a 15% decrease in bounce rate.

Accenture, Hyderabad, India

July 2021 - August 2022

Software Engineer

- Spearheaded a cost-saving initiative by migrating inactive images from S3 bucket to the more cost-effective S3 Glacier storage, thereby reducing daily costs by 70%, from \$110 to \$30.
- Built microservices and RESTful services using Java 8 and Spring Boot, managing CRUD operations with Spring Integration.
- Developed application code using Core Java concepts, such as Object-Oriented Programming (OOP), multithreading, exception handling, and collections.
- Managed MySQL and PostgreSQL databases to ensure data consistency and performance, reducing query times by 25%.

Rachitha Infotech, Maharashtra, India

April 2020 - Jun 2021

Full Stack Developer

- Developed an insurance application using Spring IOC, Spring MVC, and Spring Boot, resulting in a 20% increase in system efficiency and enhanced backend performance.
- Improved file upload and download speeds by 86% for Fortune 500 clients by developing a compression algorithm in Java to reduce PDF file sizes by up to 90%.
- Upgraded search functionality for listings by implementing an autocomplete feature using a Trie data structure in Java, enhancing user experience.
- Developed Spring Boot microservices with RESTful APIs, resulting in a 20% improvement in application response time.

Education

Lamar University, USA

August 2022 - May 2024

Master's in Computer Science

Relevant Coursework: Design and Analysis of Algorithms, Java, Python, Software Engineering, Operating Systems, Computer Networks.

Vardhaman College of Engineering, India

July 2017 - July 2021

B.Tech in Information Technology

Relevant Coursework: Python, C, Java, Operating Systems Software Engineering, Object Oriented Programming, Data Structures, Data Bases.

Personal Projects

FULL STACK MERN APPLICATION

- Designed and developed a social web application that allows users to share photos and Posts.
- Implemented core functionalities including Commenting, Liking, Deleting Posts, and Creating Posts to enhance user interaction and engagement.
- Utilized Node.js for back-end development to create a reliable and responsive server. Employed MongoDB for efficient database management, enabling seamless storage and retrieval of user-generated content.
- Developed an interactive and user-friendly front-end using React.js, ensuring a smooth and engaging user experience.
- This project showcases my expertise in full-stack development, database management, and strong authentication implementation

E-COMMERCE INVENTORY AND ORDER MANAGEMENT SYSTEM

- This project is a full-stack e-commerce platform designed to allow sellers to manage product listings, inventory levels, and order processing.
- It also includes a customer-facing application where users can browse products, place orders, and track their order status.
- The system was designed for scalability, high availability, and security, integrating key functionalities such as user management, order handling, inventory optimization, and real-time order tracking.