

ARPITHA SHESHADRI BHAT

Boston, MA | (857)654-6360 | sheshadribhat.a@northeastern.edu | [LinkedIn](#) | [Portfolio](#)

EDUCATION

Northeastern University | Boston, MA

Expected May 2025

Master of Science in Information Systems

Relevant courses: Application Engineering and Development, Web Design/UX Engineering, Network Structure & Cloud Computing

PES Institute Of Technology

Bachelor of Engineering in Information Science

August 2021

Relevant courses: Data Structures and Algorithms, Object Oriented Programming, Operating Systems, Shell Programming

TECHNICAL SKILLS

Programming Languages: C,C++, Java, Python, JavaScript, TypeScript, PHP

Web Technology: ReactJS, NodeJS, HTML, CSS, jQuery, REST APIs, SpringBoot, Hibernate

Cloud Technologies and Tools: Docker, Kubernetes, Jenkins, Git/GitHub, CI/CD, AWS

Databases: MySQL, MongoDB

Operating System: Linux

Caching System: Redis

PROFESSIONAL EXPERIENCE

PERFIOS SOFTWARE SOLUTIONS | Bengaluru, India

August 2021 - August 2023

Software Development Engineer | Full stack web development

- Increased overall system efficiency by **20%** through the **digitization** and **categorization** of insurance claim data using **React**, **Java**, **SpringBoot**, and the **Drools** rule engine
- Reduced data retrieval time by **30%** by replacing the existing UI React code with **Json** schema-based rendering and optimizing backend code using a Java library
- Mentored interns, resulting in a **25%** increase in project development speed for an **end-to-end** data management tool.
- Accelerated **Proof of Concepts** (POCs) delivery by **40%** through effective **cross-functional** collaboration and streamlined code implementation
- Successfully built an **AWS data lake**, leading to a **15%** improvement in data processing efficiency, leveraging **AWS Lambda**, **AWS Athena**, **Amazon S3**, **Amazon Kinesis**, and **Amazon OpenSearch Service**
- Received the "Pat on the Back Award" twice for outstanding performance and contributed to the team's "Circle of Excellence Award" for rapid product development in just two weeks

ACADEMIC PROJECTS

VOYAGE

November 2023 - December 2023

(MongoDB, Express, React, NodeJS)

- Engineered a web app to revolutionize flight bookings, achieving a 20% increase in exclusive deals delivery
- Implemented robust email functionality for real-time updates on exclusive offers and detailed flight info
- Innovated the "Mile Points" feature, boosting user loyalty with a 15% increase in point accumulation for deals and upgrades
- Instituted secure payment gateway using Stripe for seamless flight bookings
- Utilized Redux for optimized user state management, contributing to a 30% enhancement in overall user experience
- Introduced Spanish language support, expanding app accessibility for a diverse global user base.

FUN-DO APP

August 2023 - September 2023

(React, MongoDB, Java, SpringBoot)

- Developed a dynamic web application inspired by Google Keep, utilizing ReactJS and Sass for visually appealing and functional web applications
- Designed and managed RESTful APIs with Spring Boot and MongoDB, ensuring a 25% improvement in communication between front-end and back-end components.
- Attained efficient solutions for data retrieval and manipulation, resulting in a 20% enhancement in overall application performance

BOOK STORE MANAGEMENT SYSTEM

October 2021 - November 2021

(React, Express, NodeJS, MongoDB)

- Led end-to-end development of a robust bookstore management system, integrating ReactJS for a 15% enhancement in user functionality and experience
- Strengthened system security with user authentication, achieving a secure login process and eliminating unauthorized access
- Established a secure session management system using tokens, ensuring a 20% improvement in seamless and protected user interactions
- Incorporated Redux for streamlined state management, optimizing the user experience, especially for items in the shopping cart with a 25% efficiency boost