

YASHWANTH BEHARA

Boston, MA | 617-712-9884 | behara.y@northeastern.edu | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

Master of Science, Information Systems (GPA : 3.85)

Expected May 2025

Northeastern University, Boston, MA

Coursework: Application Engineering & Development, Web Design and User Experience Engineering, Data Management and Database Design, Program Structures & Algorithms

Bachelor of Technology, Computer Science and Engineering

May 2020

Sastra University, Thanjavur, India

TECHNICAL SKILLS

Languages: Javascript, Java, Python, Typescript, C++, SQL

Frameworks, Libraries & Databases: Angular, React.js, Redux, jQuery, Bootstrap, Node.js, Express.js, REST API, SpringBoot, Hibernate, Styled Components, MaterialUI, Sass, MySQL, MongoDB, Gulp, Parcel, Babel

DevOps: AWS, Oracle Cloud, Docker, Kubernetes, GitHub Actions CI/CD, Jenkins

Technologies, Tools & Platforms: Web Components, ESLint, GitHub, Linux, Heroku, Visual Studio Code, NetBeans, Microsoft Office, Postman, Jira

WORK EXPERIENCE

Application Processor - Northeastern University, Boston, MA

Oct 2023 - Present

- Reviewed applications for Graduate and Doctorate programs
- Facilitated communication among various admission teams, ensuring timely processing of applications

Software Development Engineer – Infosys, India

Product Requirement Forecast Engine – Apple IS&T (Promoted to SDE-2)

Sep 2020 - Aug 2023

- Developed custom web components (virtual scrolling, progressive filtering) improving reusability across 4 projects
- Restructured a monolithic backend application into microservice based architecture with Spring Boot
- Utilized Docker containerization to instantiate backend functionality by consuming a pre-configured Docker image. This led to automated deployment processes, and facilitated scalability
- Managed CI/CD pipelines in Jenkins reducing the integration time and improved code coverage by automated testing to 90%

Talent Point Platform – Apple IS&T (SDE-1)

- Migrated legacy applications from AngularJS to Angular, enhancing user engagement with increase in users by 12,000
- Optimized application performance with Lodash, Pako libraries, cutting down the average response time from 8 seconds to 2.4 seconds for APIs with datasets exceeding 1 Million records
- Collaborated in over 15 Agile development sprints, consistently meeting project milestones and deadlines

ACADEMIC PROJECTS

Agricultural Resource Management | Core Java, Swing, MongoDB, Apache NetBeans

Oct 2023 – Dec 2023

- Designed an architecture to streamline agricultural operations, incorporating data-driven insights and coordination among multiple enterprises
- Integrated with MVC (Model, View, Controller), factory, and singleton design patterns to organize code effectively
- Utilized MongoDB Atlas to establish a fully cloud-hosted database infrastructure, ensuring scalable and efficient data management for the application

EcoWell – Health Care Web Application | MongoDB, Express.js, React.js, Node.js.

Oct 2023 – Dec 2023

- Developed React components, incorporating hooks, props and state management to build dynamic user interfaces
- Managed global state using Redux, ensuring efficient and scalable state management
- Implemented RESTful APIs with Domain Driven Design using Express.js for request processing and route handling
- Integrated Progressive Web App (PWA) capabilities, including push notifications, to ensure seamless cross-browser accessibility and enhance user engagement with timely updates.

Mapty Workout Tracker | HTML, CSS, Javascript, Bootstrap, Visual Studio

Apr 2022 – Jun 2022

- Improved user interface through dynamic visualizations by integrating Leaflet.js for interactive maps
- Added real-time user location tracking with Geolocation API, enhancing location accuracy
- Implemented Reactive Programming, Advanced DOM Manipulation and CSS Preprocessing (SASS)