

Ashish Raghu Badhe

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EDUCATION

Master of Science in Information Systems Northeastern University, Boston	Expected May 2025
Relevant Coursework: Application Engineering Development, Web Design & User Experience Engineering	
Bachelor of Engineering in Electrical Engineering Savitribai Phule Pune University, Pune, India	July 2019

TECHNICAL SKILLS

Languages:	Javascript, Typescript, Java, C, C++
Web Technologies:	ReactJs, NextJs, Redux, NodeJs, ExpressJs, HTML, CSS, SASS, Material UI, Tailwind CSS
Databases:	MySQL, MongoDB
Tools & Technologies:	Git, Bitbucket, Confluence, Jira, VS Code, NetBeans

EXPERIENCE

Encora Inc. Pune, India	Dec 2021 – Aug 2023
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Junior Software Engineer (ReactJs, Redux, NodeJs, ExpressJs, MongoDB, Bitbucket)

- Built a React application with a focus on enhancing code readability through the implementation of small, modular and higher order components and strict adherence to DRY principles
- Optimized page load time by a significant 500 milliseconds through the strategic implementation of effective lazy loading techniques
- Demonstrated proficient use of react hooks to advance application optimization, enabling targeted rerendering which heightened overall efficiency by 20%
- Pioneered the introduction and implementation of an infinite scrolling feature in the application, achieving a significant 10-minute boost in customer engagement
- Led the successful migration of backend APIs from low-code platform to Nodejs, introducing the capability to cache API responses and realizing a significant 100 milliseconds reduction in API latency

Encora Inc. | Pune, India

May 2021 – Nov 2021

Trainee Engineer (Javascript, NodeJs, ExpressJs, Jira, Xpath, GitHub)

- Developed customized Node.js web crawlers for e-commerce data extraction, meeting specific client requirements with accuracy
- Utilized RegExp and XPath adeptly to extract precise website data, achieving a 30% improvement in data quality for informed decision-making
- Scraped data from over 100 e-commerce websites across diverse domains such as fashion, food, clothing, and various other sectors within the e-commerce industry
- Reduced data scraping time by 50% through dynamic DOM manipulation, creating custom elements and fetching data via dynamically constructed API URLs
- Lowered crawler failures by 75% through middleware engineering, redirecting URLs to alternative regions in case of initial URL load failures

ACADEMIC PROJECTS

Online Food Ordering Platform (Typescript, NextJs, NodeJs, ExpressJs, GitHub)	Sep 2023 – Dec 2023
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- Developed HuskyBites, a Progressive Web App for Northeastern University students, offering a seamless food ordering experience with fast-loading capabilities and responsive design across various screen sizes
- Incorporated internationalization into the application, providing multi-language support to accommodate the diverse background of students studying at the university
- Applied debouncing in the search functionality to enhance efficiency and responsiveness, introducing a delay in API calls for a smoother user experience

Wellness Mobile Application (Javascript, ReactJs, NodeJs, ExpressJs, GitHub)

Aug 2022 – Dec 2022

- Created a wellness mobile application specifically designed for tweens and teens to assist them in managing anxiety, loneliness and depression
- Integrated different services including user authorization, authentication, password encryption, and email functionalities utilizing popular NodeJs packages such as jsonwebtoken, bcryptJs, and nodemailer