Rakesh Baddi

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EDUCATION

Northeastern University, **Boston, MA**   **Sep 2021 - May 2023 (Expected)**
Master of Science, Information Systems
Relevant Courses: Web Design and User Experience, Application Engineering Development

Visvesvaraya Technological University, **Belagavi, India**   **Aug 2014 - June 2018**
Bachelor of Engineering, Computer Science and Engineering
Relevant Courses: Data Structures & Algorithms, Object Oriented Programming, Database Management Systems

TECHNICAL SKILLS

Programming Languages	:	Java | JavaScript | C | C++
Web Technologies	:	HTML | CSS | jQuery | Bootstrap | NodeJS | React | Express | RESTful WebServices
Databases	:	MySQL | MongoDB
Tools	:	Git | Postman | VS Code | Android Studio | Netbeans | AWS

WORK EXPERIENCES

Tata Consultancy Services, Chennai, India   **July 2018 - Jan 2021**
Front End Developer
- Developed multiple responsive and dynamic user interfaces using HTML5, CSS3, Bootstrap and JavaScript
- Constructed modular, responsive, and reusable ReactJS components and managed application state with Redux which helped in improving the performance of the application by 20%
- Streamlined RESTful APIs by closely coupling NodeJs, ExpressJs reducing response time to 1.5 ms run by unit tests
- Collaborated in a team of 3 to identify needs, debugging problems and improvements adhering to Agile principles
- Participated in scrum team meetings including stakeholders to demonstrate monthly progress in sprint review

Zeel Code Labs, Belagavi, India   **Feb 2018 - May 2018**
Software Engineer Intern
- Developed an Inventory Management System, designed the database using MySQL and built the dashboard for billing of Materials, material requirement planning and demand forecasting
- The new application sharply improved on the current manual system and reduced the time spent in inventory management by 60% and reduced operational cost by 35%

PROJECTS

Notes Keeper   (*React.js | Node.js | Express | MongoDB*)
- Designed and developed a web application similar to Sticky Notes to pin messages or reminders

Blog Website   (*Node.js | Express | MongoDB*)
- Designed a blog website where users can add, view, modify or delete blog articles and deployed on Heroku

Cars Database - CRUD and Filter   (*Core Java | Java Swing | RegEx*)
- Implemented a Java Swing application for add, update, delete and filter functions for Cars database with validations

Newsletter Subscription Portal   (*Node.js | Express | Bootstrap | MailChimp API*)
- Constructed a web page for users to subscribe to a mailing list of receiving stock trading tips and recommendations

To-Do List   (*Node.js | Express | MongoDB*)
- Designed and developed a simple to-do list to keep a track of things to do and deployed on Heroku

CERTIFICATIONS
- Oracle Certified Associate, Java SE 8 Programmer
- ITIL v3 Foundation
- Agile Software Development (LinkedIn Learning)