RAHUL SATISH CHANDAK

+1 857 313 1986 | Boston, MA
chandak.r@northeastern.edu | linkedin.com/in/rahulschandak | github.com/rahulschandak
Portfolio: https://rahulschandak.netlify.app

EDUCATION

Northeastern University, Khoury College of Computer Sciences *Boston, MA*
Master of Science in Computer Science, **GPA: 3.91/4.0** *Sept 2022 - Present*
Relevant Courses: Algorithms, Programming Design Paradigm, DBMS, Web Development, Cloud Computing, HCI.

University of Mumbai *Mumbai, India*
Bachelor of Engineering in Electronics *2020*
Relevant Courses: Structured Programming Approach, OOP Methodology, Cloud Computing, Embedded Systems and RTOS.

EXPERIENCE

Liberty Mutual Insurance, Solaria Labs *Boston, MA*
Software Development Engineering Intern (Full Stack Web Development) *Jan 2024 - Present*
- Developed & maintained Liberty's "PlusProducts" website using TypeScript, ReactJS for frontend & StrapiJS for backend development.
- Integrated GraphQL APIs for enhancing the scalability of backend services. Used Redux for application state management.
- Employed Cypress for automation testing and Bamboo for continuous integration and continuous deployment.
- Leveraged GitHub for version control and utilized Jira for project management & tracking tasks in an Agile Scrum environment, contributing to incremental development and meeting sprint goals.

Tata Consultancy Services Pvt. Ltd. *Mumbai, India*
Software Developer (Full Stack) *Sept 2020 - July 2022*
- Architected blueprints of various insurance forms using HTML CSS. Leveraged Oracle RDBMS (PL/ SQL), C# for back-end development and seamless integration on the .NET framework to display customer data on these forms.
- Developed VB.NET based web services utilizing ADO.NET for data access and SOAP for communication.
- Delivered 56 CR's with no unaccounted delay and defect rate less than 1% in an Agile team environment.
- Maintained GIT workflows adhering to DevOps practices. Utilized Jenkins for CI/CD, enabling streamlined delivery and deployment.
- Managed a team of 5 members, conducted team meetings, code reviews, knowledge transfer sessions, and assigned work in accordance with competence.

TECHNICAL SKILLS

Programming Languages	Java, TypeScript, JavaScript, C++, C#, Python.
Web Technologies	React.js, Node.js, HTML, CSS, Bootstrap, jQuery.
Database	MySQL, PostgreSQL, Oracle Database - PL/ SQL, MongoDB.
Libraries and Frameworks	Strapi, .NET, Cypress, JUnit, Java Swing.
Tools & Services	AWS (EC2, S3, Lambda, RDS, VPC), Docker, Kubernetes, Git, Jenkins, Bamboo, Axure RP 10.

PROJECTS

BrewCritic | React.js, Node.js, Bootstrap, MongoDB, RESTful API, Tailwind CSS
- Created RESTful Brewery review website using Node.js for backend, React.js for dynamic rendering and MongoDB for database.
- Implemented features like multi-user authentication (Redux), activity monitoring, profile management, responsiveness, API integration and achieved load time under 1 second.

Rate My Co-op *(mobile application)*
- Designed an interactive and informative mobile application using Axure RP implementing core design principles and HCI life cycle, from ideation to delivery, enabling students to share their internship experiences.
- Conducted thorough usability tests and summative evaluations to refine the app's user experience achieving a SUS score of 87.5.

Supermarket Management System | MySQL, JDBC, Java, Swing
- Developed a full-stack desktop application, based on MVC architecture, simulating a supermarket management system.
- Designed a relational database and performed 5 CRUD operations involving stored procedures, functions, and triggers. Utilized JDBC driver to integrate the database with GUI ensuring seamless data management and retrieval.

ACHIEVEMENTS

- Best Demonstration award at IIT - Bombay, sponsored by the Government of India for the project 'Defense Mechanism using Image Processing' among 362 nationwide participants.
- Volunteered and later promoted as the head of the publicity department of IEEE - RAIT from 2016 to 2019.