Charusmitha V Deshpande

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https://github.com/Charusmitha | https://www.linkedin.com/in/charusmitha-deshpande/
Portfolio: https://charusmitha.github.io/

Education

Northeastern University, Seattle, WA

Master of Science in Information Systems

GPA: 3.95

Expected May 2020

Relevant coursework: Database Design, Data Structures & Algorithms, Web Development, Cloud Computing, Operating System

Visvesvaraya Technological University, Bengaluru, KA, India

Bachelor of Engineering in Electronics & Communications Engineering

GPA: 3.80

June 2013

Technical Skills

Programming Languages	:	Java, JavaScript, TypeScript, SQL, Swift
Web Technologies & frameworks	:	HTML5, CSS3, Sass, Node.js, React.js, Redux, Material UI, Jest, RESTful Services, Jersey
Databases	:	MS SQL, Mongo DB, Realm, Dynamo DB
OS & Methodologies	:	Windows, Mac OSX, Linux, SDLC - Waterfall, SDLC - Agile
Tools & Platforms	:	Postman, Docker, Git, NPM, Yarn, Power BI, Microsoft Visio, JIRA, Confluence, Bitbucket, Jenkins, VS code, Eclipse, Storybook, XCode, Firebase

Work Experience

Schweitzer Engineering Laboratories (SEL) | Lynnwood, WA, USA

Software Engineering Intern   Sep 2019 – Dec 2019

- Designed and developed parts of the UI for the requirements management tool that was being developed by our team for the employees of SEL using React, Redux, Typescript, CSS3, Sass, HTML5. Created Wireframes and conducted Kano study to get the inputs from the customers
- Built a React UI component library following the UI-UX standards defined by the company using Material UI and latest web technologies.
- Used Jest, a JavaScript testing framework with code coverage tools like Cobertura, Istanbul to improve the quality of code by increasing the code coverage to 96%. Maintained CI/CD pipelines for code deployment using Jenkins

CGI group | Bengaluru, KA, India   **Client**: Canadian Imperial Bank of Commerce (CIBC)

Software Engineer   Dec 2013 – Aug 2017

- Planned and drafted Impact analysis and Design analysis documents during Software Development Life cycle
- Engineered unit test cases and assisted team in successfully implementing program changes in production environment. Lead the risk management process by performing system integration and user acceptance testing
- Developed an application to monitor the ATDF limit provided to the customers by bank tellers
- Re-engineered the open account software system used by business account customers to comply with Anti Money Laundering standards. Mentored and trained three associates at entry-level in understanding CIBC's Banking System

Projects

University Student Portal   Jan 2020

- Engineered a student portal service using Jersey RESTful Web Service framework with Amazon's DynamoDB. Application endpoints were tested on Postman and the application was deployed on Amazon's Elastic beanstalk
- The application used AWS SNS to send notifications to students

Movie Info Application   Oct 2019

- Designed and developed a react single page movie info application using create-react-app. The application used a backend server that hosted the BUILT react app and provided RESTful services for various functionalities
- Designed the application to be a multiple-page web application that uses Progressive Enhancement to offer a single-page application version.

Recipe Search iOS Application   Aug 2019

- Built an iOS recipe search application on XCode using Cocoa touch framework. Used Segues to define the flow of the app and Google Firebase for authentication and data storage. Added RESTful services to fulfill the needs of the app

Developers Social Network Application   Apr 2019

- Built a social networking application for developers using Node.js, Express, React, Redux and MongoDB

- The application used JSON Web Tokens to protect the endpoints