

RUCHITA HARESH MAKWANA

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EDUCATION

State University of New York at Binghamton

Expected May 2023

Master of Science in Computer Science

K.J. Somaiya Institute of Engineering and Information Technology, Mumbai, India

Bachelor of Engineering in Information Technology

TECHINICAL SKILLS AND ABILITIES

Software: AngularJS, React.js, Redux, Node.js, Express.js, HTML5, CSS3, SASS, Bootstrap, MongoDB, MySQL, jQuery, JavaScript, Java, Java Spring Boot, Python, C, C++, Git, GitHub

Certifications: Front-End JavaScript Frameworks: Angular from Coursera Certification Course	Feb 2019
Front-End Web UI Frameworks and Tools: Bootstrap 4	Dec 2022
Front-End Web Development with React	Jan 2023
Server-side Development with NodeJS, Express and MongoDB	Jan 2023

PROFESSIONAL PROJECT EXPERIENCE

Accenture Solutions Pvt. Ltd, India [Application Developer]

Aug 2018 – Jul 2021

- Worked on development of the various dynamic and editable templates, several functionalities of the SelfServe dashboard. Fixed various templates bugs, along with its testing on different screen resolution and browsers.
- Implemented the User Interface using Angular8 of the Testing Automation Tool which required validation of various scenarios, along with the functionalities such as routing, input, and form validations, etc.
- Performed testing and management of various app-related activities such as hosting of various apps, approval of app ratings, etc. which were hosted on the AppCatalog and DataCatalog portals respectively.
- Provided 24*5 support by working various shifts.

Global Health Impact Project, SUNY at Binghamton [Application Developer]

Jan 2022 – May 2022

- Created an automation script using Java Spring Boot that maps the specific data from source to destination database and excel files, reducing the man-hours of up to 30% in manually tracing and inserting/modifying data into the database.
- Developed a PowerShell Script for Windows OS, which downloads and installs the programming language and its dependencies, needed by the developers and other non-tech users of the projects to have the required environmental setup available on their system by executing script.
- Developed database and its respective data for various diseases by using MySQL. Along with it worked on data accuracy by manually tracking the data being displayed on the website and the data present in the database.

ACADEMIC PROJECTS

Analysis on Obesity, State University of New York at Binghamton

Aug 2021 – Dec 2021

- Performed 4 data analysis tasks to investigate impact of obesity on physical and mental health of a person. Conducted real time interpretation of data by integrating MongoDB pipeline with Node.js

Resume Refinement System Using Semantic Analysis, K.J.S.E.I.T

Aug 2017 – Jun 2018

- Created web application based on semantic analysis using Natural Language Processing for the online recruitment process, where the recruiter uses the application to hire the suitable candidates, using Java, HTML5, and CSS3

Movie Success Prediction, K.J.S.E.I.T

Aug 2016

- Developed web application focused on leveraging data from various sources and using social network analysis and text mining techniques to determine if a movie will be successful, using MySQL, HTML5, and CSS3

PUBLICATIONS

Prof. Reena Ramchandra Lokare, Ruchita Makwana, Bhavika Mrug, Aishwarya Medhekar, "Resume Refinement System using Semantic Analysis," International Journal of Innovative Science and Research Technology (IJISRT, ISSN NO: 2456-2165).