Sai Teja Cherukuri

(716) 544-9338 | cheruku3@buffalo.edu

linkedin.com/in/saitejacherukuri | github.com/saitejacherukuri97 | saitejacherukuri97.github.io/portfolio

WORK EXPERIENCE

- **Software Development Engineer, DBS Bank**   Jul 2018 – Aug 2021
  - Collaborated and Implemented web-based applications using **Java** and **JavaScript** frameworks.
  - Designed and coded API's in **Java, Spring** to revamp applications into Microservice architecture.
  - Boosted application performance by **21%** with fewer API calls, Lazy Loading for customer applications.
  - Resolved **30+** customer and trouble tickets mitigating customer impacted production bugs.
  - Experience with gathering user requirements and supporting SIT, UAT cycles.
  - Collaborated with QA and Business teams to improve automation coverage by **33%** using VBA and JIRA.
  - Trained and mentored **5+** team members on development process, application details and workflow.
  - Participated in several hackathons and contributed towards various innovation and automation projects.

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, Python, C, XSL, SQL, VBA, UNIX
- **Back-end:** Spring Boot, NodeJS, REST, Kafka MQ
- **Front-end:** Angular, ReactJS, HTML5, CSS3, Bootstrap, jQuery, AJAX
- **Databases:** MySQL, MongoDB, Sybase
- **Methodologies:** Agile, Scrum, Kanban
- **Tools & Software:** Git, Bitbucket, Jira, SharePoint

PROJECTS

- **IT Asset Management Portal**   *(JavaScript, AJAX, jQuery, SQL, SharePoint, CRUD)*
  - Designed and coded the platform to allocate, manage and de-allocate assets in **JavaScript, AJAX, jQuery** for bank-wide employees close to **3000**.
  - Lead a team of 4 and built a dashboard in **SharePoint** with Rule-based access where employees as well as reporting managers can check assets allocated across departments.
  - Reduced IT workload by approximately **30%** by enabling Bulk assign feature for assets.
- **Bank Kiosk Application**   **(***Python, TensorFlow, Kairos, JavaScript, jQuery)*
  - Developed a Kiosk application with features such as Face recognition using Kairos API for login and Emotion analysis to capture customer feedback.
  - Teamed up with various teams and created front-end in **JavaScript** and **Bootstrap** with responsive design.
  - Improved user login and security resulting in **15%** increase of user base by integrating QR code reader using **JavaScript** thereby allowing Customers to login without debit/credit card.
  - Minimized time-engagement of users by **22%** by integrating **IBM Watson** Chatbot to user dashboards.
- **Timesheet and Billing Management Application**   **(***Java, Angular, Bootstrap, JavaScript, SQL)*
  - Implemented a web application in **Angular** and **Java** for timesheet tracking for employees within the Department.
  - Built logic in **Java** and **SQL** for billing as per timesheet logged by employees.
  - Reduced turn-around time to **1 minute** by adding Rule-based Auto-approval system for billing.
- **Stock Trader Application**   **(***Java, JavaScript, Bootstrap, AJAX, MySQL)*
  - Created a trading application game in **JavaScript**, **Java** and **MySQL** where users can buy and sell stocks in real-time.
  - Enhanced application to fetch stock prices using Real time API - Polygon thereby increasing users by **20%**.
  - Revamped a back-end service in **Java, JSP** for Account and User dashboard management.

EDUCATION

- **University at Buffalo, The State University of New York**   Aug 2021 – Feb 2023
  Master of Science, MS - Computer Science [3.76/4 GPA]
  Relevant Coursework: Data Structures, Algorithms, Object Oriented Programming, Database Systems
- **VNR Vignana Jyothi Institute of Engineering and Technology**   Aug 2014 – May 2018
  Bachelor of Technology, Electronics and Communication Engineering [8.1/10 GPA]