Kasturi Shyam Kumar

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SUMMARY

Seeking a challenging position in a Technical Organization that can provide me with an opportunity to improve my skills and strengths in conjunction with the Organizational goals and to attain excellence through experience.

EXPERIENCE

Software Engineer 1
MAQ Software   **August 2022 – Present, Hyderabad**

· Began my career as Software Engineer 1 and acquired software skills and experience.
· Always been in top 10 for all the internal training sessions and also been mentored various
· sessions for training team members.
· Worked with a development team to create a React based full stack application for our client Microsoft's Business Value Management Team.
· Developed multiple reusable components using ReactJS.
· Worked on reducing the code complexity to improve the load time.
· Upgraded packages and webpack to hide code in inspect in order to maintain security, resulting in no security issues in production.
· Worked on TrIP items and S360 to fix the security issues.
· Responsible for rectifying various bugs which helped in maintaining the application consistency and reliability.
· Worked on developing various API's for creating tables, columns, measures, relationships ..etc using XMLA endpoint.
· Developed a function where the whole application can be translated into five different languages with all the options in the UI.
· Responsible for adding initial setup for GitHub workflows where docker file is added and a workflow that will build docker image out of docker file, create the Azure Container Registry and push the images to it and create a container web.
· Responsible for setting up complex GitHub pipelines using YAML namely CodeQL, Blackduckhub, Codacy for maintaining better quality of code for client project and are also useful in deployment.
· Improved the user experience and reduced the support team's workload by setting up OpsGenie and DuoCircle to send alerts to users via email when the API is triggered.
· Increased user engagement and retention by supporting the integration of the API into the MFE application to maintain the consistency of data.
· Supported testing team in integrating with the API's with there automation scripts and helped them to get out of blockers all the time.
· Created a set of end to end tests for a feature that involved data processing and unit tests for that feature by using mocks to isolate code dependencies.
· Worked on TrIP items and S360 to fix the security issues.
· Fixed various issues in internal tool which is used for interview purpose where a interviewee is unable to copy paste the content and the interviewer will be able to ask questions based on the recommendations from backend DB.

QA Engineer
Aptagrim Limited   **March 2022 – April 2022, Hyderabad**

· Worked as QA Engineer and learnt various skills about the software process style and how to deliver the project on time.
· Responsible for setting up the test automation script for the application which helped in giving maximum number of bugs to the developers.
· Created and executed a test suite with Selenium and Python to automate the regression testing of a product called AptaI while developing a corresponding website using the Angular framework.
· Create a whole flow of test suite to run on the application and result the output as html report.

PROJECTS

Crowd Funding Application
Hackathon

· A user can fill a form and start a campaign with a fixed ether goal. And other users can view the campaigns and donate using metamask to the intrested campaign . This is purely based on Blockchain Technology.
· This Application uses Solidity for writing Smart Contracts , Ganache as local Ethereum network Truffle, Web3.js and Metamask as wallet.

Web Browser Based File Encryption and Decryption
Personal

· This application allows users to run on a web browser platform to encrypt the file before it is transmitted over the network.
· It is used for all types of file encryption such as text, docx, pdf and image encryption.
· The AES-256 CBC mode algorithm is used for encryption and decryption.

EDUCATION

Bachelor of Technology
CMR Engineering College · Hyderabad · 2022 · 7.3 CGPA

Higher Secondary
Sri Gayatri Junior College · Hyderabad · 2018 · 9.4 CGPA

Secondary
Vivekananda Residential School (CBSE) · Karimnagar · 2016 · 9.6 CGPA

CERTIFICATIONS

Coursera Certifications
· C for Everyone:Structured Programming , Object-Oriented Programming with Java , Getting Started with Python , Structured Query Language(SQL).

Business English Certificates (BEC)
· Achieved Council of Europe Level A2 Certificate in ESOL International.

Google Digital Garage
· The Fundamentals Of Digital Marketing

Joomla Certificate
· Certificate for Completion of Joomla Test offered by IIT Bombay.

SKILLS

• **Programming – Java, C, C++, Python(Beginner)**
• **Web Development – HTML, CSS, JS, ReactJS, .NET, Spring Boot, AngularJS, Restful API**
• **Databases – SQL**
• **Platforms – Windows, Linux, Docker, Blockchain (Beginner)**
• **Collaboration Tools – GitHub, Jira, BitBucket, Confluence**