Rinju Sherpa

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EDUCATION

MINNESOTA STATE UNIVERSITY
| Mankato | MN
BS in Computer Information - Scinece
| 2017- 2020
GPA: 3.68 / 4.0
Minor: Mathematics

ONLINE COURSES

CS50 | Harvard
Fundamental Programming course by Harvard, in collaboration with Edx.

SOFTWARE ENGINEERING
| UC Berkeley
Worked on development, testing and cloud deployment of a Software as a Service (SaaS).

SKILLS

PROGRAMMING:
• Java • Python • JavaScript
• C# • Assembly • C/C++
• Ruby • SQL/ NoSQL

TECHNOLOGY:
• Git/GitHub • Linux
• Docker • Agile development
• Software Testing/QA
• APIs & Microservices
• TCP/IP Protocols

SOFT SKILLS
Strong:
• Problem-solving • Critical thinking
• Leadership • Communication
• Team-Player

INTERESTS | & Hobbies
• Coding • Fitness • Basketball
• Reading

LINKS: LinkedIn | GitHub

TECHNICAL PROJECTS

RESTFUL API | ASP.NET Core
- Built a sample RESTful API using ASP.NET Core.
- Used ION to model RESTful resources, hypermedia links and collections in JSON responses.
- Used POSTMAN to test the API.
- Implemented transport security for secure connection, authentication & authorization.

COMPILER | C#
- Built a handwritten compiler with C#
- Utilized language inside of an IDE by exposing APIs for parsing and type checking.
- Implemented variables types, arithmetic operations, conditions, loops and function calls.

PATHFINDING VISUALIZER | JavaScript - React
- Built an application in JS to visualize shortest-path between two points.
- Executed Dijkstra's algorithm to find the shortest route.

EXPERIENCES

VIRTUAL SOFTWARE ENGINEERING | JPMorgan Chase
- Worked on an open-source project provided by JPMorgan Chase.
- Used perspective to create, visualize and analyse data.
- Collaborated with industry people to understand the work environment at JPMorgan and Chase.

SUMMER EXTERNSHIP | AT&T
- Completed three months of summer learning Camp with AT&T.
- Worked on advance technology, personal and professional development, and building resilience.

CERTIFICATES

WEB AUTOMATION - SELENIUM | Udemy
55 hours of hands on web automation practice
- Integrated Selenium web Driver with Eclipse IDE to automate web pages using Java.
- Wrote tests to automate web pages on various web browsers.
- Built a testing framework by integrating components like TestNG, Maven, Log4j, Jenkins and cucumber.