Stuti Ray

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Education

Central Connecticut State University   New Britain, CT
Bachelor of Computer Science Honors   Sep 2020 - May 2024
Minor in Mathematics
GPA: 3.5

Relevant Courses

• Computer Science I and II	• Systems Programming	• Web Programming	• Digital Systems Design
• Data and File Structures	• Computer Architecture	• Algorithms	• Computer Security

Technical Skills

Programming Languages: Java, Python, JavaScript, Typescript, C, C++
Web Technologies: NodeJS, ReactJs, REST APIS, Figma, AngularJs, Postman
Deployment: AWS, git, Docker, Kubernetes, Jankines
Databases: MYSQL, MongoDB

Professional Experience

UnitedHealth Group   Remote
Software Engineering Intern   Dec 2022 - Present
- Worked on developing and maintaining automation tools using Python, which improved the efficiency of the team.
- Collaborated with senior developers to design and implement new features for the automation tools.
- Conducted extensive testing and debugging of the automation tools to ensure their reliability and accuracy.
- Contributed to the team's efforts in enhancing the security and integrity of the Identity and Access Management Systems.

CVS Pharmacy   Enfield, CT
Pharmacy Technician   Dec 2020 - Nov 2022
- Consulted with insurance company representatives to complete claims processing, resolve concerns and reconcile payments.
- Communicated with patients to collect information about prescriptions and medical conditions or arrange consultations with pharmacists. Resolved non-routine issues like third-party billing, computer systems and customer service issues.
- Helped pharmacists clear technical problems with prescriptions and billing.

Projects

Snake game - *C*
- Created a snake game where the snake is represented with a zero symbol and the fruit is an asterisk symbol.
- Used functions to create the boundary and logic to set the movement of the snake. While the input was taken by the function from the keyboard.

Kerberos - *Java*
- A network authentication protocol. It is designed to provide strong authentication from client/server applications by using secret-key cryptography.
- Implemented the Kerberos protocol using AES encryption algorithm with 128-bit key and MD5 hashing Algorithms.

Amazon clone - *JavaScript, HTML, CSS, React*
- Amazon is a sizable online retailer that offers a wide range of products, including toys, housewares, electronics, music and books.
- Created an Amazon clone utilizing the react context API for state management within the application and firebase for authentication purposes.

Activities

Computer Science Club - *Member*
- Participated in various programming activities and coordinated different events along with other members of the club.