Sujith Nakkala

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EDUCATION

Central Connecticut State University- Bachelor of Computer Science (Honors)

September 2018- May 2022

- GPA: 3.9/4.0

COURSEWORK:

- Theory of Computation*, Computer Architecture*, Systems Programming*, Web Programming*, Secure Software Systems*, Data Structures, Algorithms, Digital Systems Design, Assembly Language, CS 1, CS 2.
- Linear Algebra, Discrete Math, Probability and Statistics, Calculus 1, Calculus 2, University Physics 1, and University Physics 2.

*Fall 2020 courses

WORK EXPERIENCE

Application Developer Intern-** Selective Insurance*   ***June 2020-August 2020

- Collaborated with other interns to conduct internal and external research to standardize the software development process for all application delivery teams and also to understand how the company can leverage ChatOps; The solution was presented to senior executives including the CEO.
- Built an employee web app/utility which saved developers time by being able to look-up important information through shared file system and SQL database.
- Developed RESTful WEB APIs using C#, ASP .NET Core to separate concerns and allow scalability. Front-end using Angular with TypeScript, HTML, CSS.
- Implemented CRUD operations and connected with SQL Server Database using Entity Framework Core.
- Communicated with clients to gather requirements to implement valuable features.
- Worked using the Agile Methodology resulting in robust and predictable delivery schedule.
- Participated in daily standups and timely demos to understand the client's needs.
- Wrote release notes and documentation to help future users and developers.

SKILLS

Languages: Java, C#, TypeScript, Python, HTML, CSS

Frameworks and Tools: ASP.NET Core, Angular, Git, UI + UX design, Bootstrap

PROJECTS

E-commerce shopping web application

- Created an E-commerce shopping application using Angular where a user can shop for groceries.
- The user can login using google, select their items and checkout. The user can login using an administrator account to change products, information, and manage other orders submitted.

Knight Movement Visualizer

- Interactive visualization on where a Knight(in Chess) can move in one, two, and three moves. Used JavaScript.

Anti-Procrastinator website blocker

- C# Windows Application which blocks unwanted websites. User can select time and date to block certain websites.
- Working on creating a chrome extension with the same features.

Personal Webpage (work in progress)

- Web Portfolio which hosts projects I have done. Using HTML/CSS/JS

RELAVANT ACTIVITIES

Computer Science Club- *Member*

- Help with organizing events and bringing attention to the club.
- Volunteer at events to teach and inspire young children about code

Peer Mentor

- Organized study sessions, and coordinated weekly personal check - in's with multiple students weekly
- Guided students in development of skills and strategies for dealing with their problems.