YOTHAM SAGE

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EDUCATION

Rensselaer Polytechnic Institute (RPI), Troy, NY   May 2024
B.S. Computer Science, Concentration in Systems and Software
GPA: 3.39/4.00

WORK EXPERIENCE

General Electric (Vernova), Schenectady, NY   Summer 2023
Digital Technology Intern | **Tech Stack:** Python | SAP | React.js | CSS
- Part of 1st place team in DT Intern Hackathon.
- Developed Automated Solutions using Python.
    - Shroud Simulator – The application is projected to save over $100K on direct job cost for F-class power nozzles annually as well help to meet on time delivery for customers.
    - Report Generator – The application is projected to save over 400 hours annually by generating KPI reports from ServiceNow ticket requests.
    - GME Exporter – Allows user to export all Goods Movement Errors in SAP.
- Won GE Impact Award – 2x.
- Demoed SAP Transactions to 40 DT Interns.
- Standardized and created 31 training documents across different SAP modules.
- Created as is and to be process flow diagrams as well as the WBS for the Schenectady warehouse to aid in development of SAP RF scanner applications.

Thorben Consulting, Remote   Summer 2022
Cloud Architecture Consultant Intern | **Tech Stack:** HTML | CSS | WordPress | Kubernetes
- Delivered weekly updates on team progress and milestones in meetings with the company's CEO as the Project Lead.
- Collaborated with a team to architect and deploy cloud solutions as well as create an online marketplace for college students to easily buy and sell goods amongst themselves.

PROJECTS

Best Professors List
Full Stack Developer | **Tech Stack:** Python | React.js | AWS Amplify | HTML | CSS
- Worked on a team to create Best Professors List.
- Allowed users to enter an RPI Course ID and see the ratings and reviews of professors teaching the course.
- Coded the data scraper for the website allowing for the reviews of over 700 RPI Professors to be scraped in minutes.
- Formatted the data to contain future calculations needed for the website such as average rating and class subjects.
- Developed the website front end helping to display the data and create an enjoyable user experience.
- Organized weekly meetings with my team to steer the direction of the application as well as delegate tasks and ensure the project was on schedule to be completed.

ShopEasy
Full Stack Developer | **Tech Stack:** Python | React.js | MongoDB | Node.js | HTML | CSS
- Developed a web app that calculates BMR and generates personalized grocery lists based on users' dietary needs.
- Sourced real-time grocery data from various stores, providing users with up-to-date options by data scraping.
- Handled all aspects of the project, from front-end design to back-end development.
- Shaped the app's vision and functionality.

Personal Website
Front-End Developer | **Tech Stack:** React.js | HTML | CSS
- Designed and developed my personal website that showcases my resume, highlights my technical skills, and includes a contact form for seamless outreach.

Craigslist Scraper
Automation Engineer | **Tech Stack:** Python
- Created a scraper to check craigslist and email user's listings.
- Capable of swiftly filtering and scraping hundreds of listings.
- Emails the user listings based on criteria like condition and price.
- Variable time scraping system which allows users to receive postings as often as they would like.

SKILLS

Programming Languages: Python | JavaScript | SQL | C | C++ | Java | HTML | CSS
Technologies: SAP | React.js | MongoDB | Postgres | Linux
Relevant Courses: Data Structures | Operating Systems | Machine Learning | Database Systems | Network Programming