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: 3.50/4.00

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

ShopEasy
Full Stack Developer | **Tech Stack:** Python | React.js |Next.js| MongoDB | HTML | CSS
- Led the development of ShopEasy, a web app that generates personalized grocery lists based on users' dietary needs.
- Sourced real-time grocery data from various stores, providing users with up-to-date options via data scraping.
- Organized MongoDB database to efficiently store all user information.
- Implemented JWT authentication and password hashing to protect data from unauthorized sources.
- Developed the functionality for registration, login, account settings, as well as the algorithm for grocery list generation.
- Directed a team of 4 developers, overseeing task allocation, code review, and project milestones to ensure delivery.

Best Professors List
Full Stack Developer | **Tech Stack:** Python | React.js | AWS Amplify | HTML | CSS
- Collaborated in the design and development of Best Professors List, web app enabling RPI students to access professor reviews and ratings based on course IDs.
- Developed a high-performance data scraper, successfully aggregating over 700 RPI professor reviews in minutes.
- Implemented data processing algorithms to calculate and display metrics like average ratings and course subjects.
- Contributed to front-end development focusing on user-friendly design and seamless data presentation.
- Led weekly meetings, coordinating project direction, task delegation, and timeline management, ensuring successful project completion.

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

Craigslist Scraper
Automation Engineer | **Tech Stack:** Python
- Swiftly filters and scrapes hundreds of listings.
- Email's users listings based on their set preferences, like condition and price, at chosen intervals.

SKILLS

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