YOTHAM SAGE

yothamsagework@gmail.com | 518-871-3361 | linkedin.com/in/yothamsage | github.com/yotham | yotham.net

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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