JOHNHENRY WARD

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SOFTWARE ENGINEER

Enthusiastic and organized Software Engineer focused on delivering high-quality solutions using tools like Python, JavaScript, React, and SQL. Known for effective communication, teamwork, and leadership skills to increase product performance. Praised for diagnosis and resolution of complex production issues. Committed to continuous learning and growth in dynamic environments. Striving for excellence and positive team environments where all can succeed.

EXPERIENCE

Software Engineer April 2022 – April 2024
AKASA *San Francisco, CA (Remote)*

- Built and deployed workflows that automated the Revenue Cycle Process for hospital networks valued up to $1B
- Increased throughput by 100% on a legacy product by analyzing and refactoring it to integrate with a new workflow, resulting in more comprehensive output reporting and strengthened customer relationship.
- Restored key product yield from <20% to 100% by diagnosing and resolving critical product issues leading to recognition from executive engineering leadership.
- Achieved a 25% decrease in production downtime and improved customer satisfaction by leading a process improvement initiative that evolved into an operational team focused on high priority production issues.
- Determined and documented the steps to perform a manual code deploy to address production issues, resulting in faster deployment times
- Collaborated with project managers, engineers, and other non technical teams within a weekly sprint structure to translate business needs into engineering specifications

Computer Science Peer Mentor September 2019 – June 2021
Western Washington University *Bellingham, WA*

- Assisted 10-20 Computer Science pre-major students with course work pertaining to data structures, logic, and computer systems on a weekly basis
- Exercised communication skills by supporting students in their understanding of Computer Science fundamentals
- Fostered an environment for students to connect to other students and faculty in the Computer Science department

PROJECTS

World Cup Web App | *JavaScript, APIs, MongoDB, Express.js, React, Node.js* February 2022 – September 2022

- Designed, built, and deployed a full stack web app for the 2022 FIFA World Cup where users can draft teams, create leagues, and track their progress live within the app
- Utilized Heroku to build and deploy web app
- Administered database utilization using MongoDB
- Integrated API calls to get live updates of soccer scores and results

Movie Script Sentiment Analysis | *Python, NLP* March 2021 – June 2021

- Utilized Natural Language Processing tools to analyze movie scripts and perform sentiment analysis
- Researched studies on story telling structures to develop an algorithm that produces graphs based on a movie scripts relative happiness
- Presented my findings to a class and developed a research paper discussing my process and results

SKILLS

Computer Languages: Python, JavaScript, SQL, HTML/CSS, Java
Other Tools: React, Node.js, Express.js, MongoDB, MySQL, SQLite, JSON, YAML, Postman, Kubernetes, Git, VS Code, Agile Scrum, Jira, AWS (EC2, S3)

EDUCATION

Western Washington University September 2017 – December 2021
Bachelors of Science in Computer Science, Minor in Mathematics *Bellingham, WA*

- Coursework: Object Oriented Design, Databases, Operating Systems, Data Structures and Algorithms, Networks