Christopher Hem

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Technical Skills

Frontend: JavaScript ES6+, React, Redux ToolKit, HTML5, CSS, Bootstrap, DOM manipulation, Websockets
Backend: Python 3, FastAPI, Django, PostgreSQL, MongoDB, RabbitMQ, RESTful APIs
System Designs: Monoliths, Microservices, Domain-driven design, Message passing
Deployment: Docker, Heroku
Developer Tools: VSCode, GitLab/GitHub, SwaggerUI, Insomnia, Chrome DevTools, npm

Application Development Experience

Team Table| *Full-stack Developer* | GitLab | *Javascript, Python, FastAPI, PostgreSQL, React, Redux, Docker*   2022
- Increased development speed, functionality, and global state management with Redux Toolkit
- Reduced errors up to 40% with inbuilt data validation for user creation with FastAPI and PostgreSQL
- Implemented a seamless and secure front/back end authentication workflow with JWT tokens and CORS
- Created an interactive and responsive landing page with open-source React libraries and CSS styling
- Utilized Docker to increase storage scalability and standardize stable containerized environment

Carrari | *Full-stack Developer* | GitLab | *Javascript, Python, Django, React, Docker*   2022
- Designed a dynamic single-page application for a polished user experience/interface with React
- Incorporated microservice design principles for a robust dealership application with Django
- Developed multiple React components and managed state for sales and inventory microservices
- Performed successful RESTful API requests through Insomnia for application testing

Wardrobify | *Full-stack Developer* | GitLab | *Javascript, Python, Django, React, Docker*   2022
- Developed a polling script to successfully synchronize data between different microservices
- Configured a masonry React component that renders a uniform gap between products listed
- Applied agile pair programming methods using Git for a collaborative and smooth development

Professional Experience

Baylor St. Luke's Medical Center | *ICU/Acute Occupational Therapist*   2015 - 2022
- Evaluated and implemented therapeutic interventions within a 24 hour referral order window
- Conducted evidence based treatments to improve patient function for activities of daily living
- Contributed to safe discharges and recommendations for transitions post-acute
- Oriented and trained newly hired occupational therapist to the ICU/Acute units

Tomball Memorial High School | *Long-term/Interim Health Teacher*   2011 - 2013
- Formed regulatory standard health curriculum and subject matter proficiency to students
- Applied a curriculum-based system to record student progress and inform appropriate personnel
- Practiced classroom management techniques to maintain discipline appropriate for learning

Education

Hack Reactor, *Software Engineering Immersive*   2022
- Completed 774 hours of Full-Stack development in an AGILE environment

University of Texas Medical Branch, *Masters of Occupational Therapy*   2015

University of Houston, *Bachelors of Science in Interdisciplinary Studies*   2011