Christopher Hem

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Technical Skills

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

Application Development Experience

Team Table| *Full-stack Developer* | GitHub | *Javascript, Python, FastAPI, PostgreSQL, React, Redux, Docker*   2022
- Optimized the application for better performance by utilizing caching and lazy loading of components
- Developed custom API endpoints for user authentication, data retrieval, and manipulation with FastAPI and PostgreSQL
- Implemented secure front/back end authentication workflow using JWT tokens and CORS
- Created interactive and responsive landing page with React router dom, bootstrap, scripts, scroll, carousel, and CSS pseudo-classes and pseudo elements.
- Improved scalability and efficiency of application by utilizing Docker containers for all components

Carrari | *Full-stack Developer* | GitHub | *Javascript, Python, Django, React, Docker*   2022
- Enhanced user interface for speed and scalability with React
- Leveraged microservice design principles for secure, reliable dealership application with Django
- Applied a suite of React components and managed state for inventory and sales microservices
- Performed comprehensive testing of API requests with Insomnia for a seamless experience

Wardrobify | *Full-stack Developer* | GitHub | *Javascript, Python, Django, React, Docker*   2022
- Established a polling script to ensure data consistency between various microservices
- Produced a masonry React component to render uniform gaps between products in a visually appealing manner
- Utilized agile pair programming to facilitate collaborative development and ensure code quality using Git

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
- Carried out 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