

# 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

**Deployment:** Docker, Heroku

**Developer Tools:** VSCode, GitLab/GitHub, SwaggerUI, Insomnia, Chrome DevTools, npm

## Application Development Experience

**Team Table** | *Full-stack Developer* | [GitHub](#) | *Javascript, Python, FastAPI, PostgreSQL, React, Redux, Docker* 2022

- Increased development speed, functionality, and global state management using Redux Toolkit
- Reduced errors with inbuilt data validation for user creation with FastAPI and PostgreSQL
- Implemented secure front/back end authentication workflow using JWT tokens and CORS
- Created 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* | [GitHub](#) | *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 RESTful API requests through Insomnia for application testing

**Wardrobify** | *Full-stack Developer* | [GitHub](#) | *Javascript, Python, Django, React, Docker* 2022

- Developed polling script to 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