Nicholas Kempkes

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TECHNICAL SKILLS

Front End | JavaScript (ES5 and ES6), React, HTML5, CSS3, Redux
Back End | Node.js, Express, MongoDB, Mongoose, MySQL, RESTful API Development, PostgreSQL
Testing/Deployment | Jest, Mocha, Chai, AWS: EC2 / RDS / S3, K6, Loader.io
Developer Tools | Git, npm, Webpack, Babel, Agile Methodology, Scrum, TDD, PGadmin, Postman, Google API
Languages in Progress | Java

SOFTWARE ENGINEERING APPLICATIONS

Full Stack Engineer | *Wags & Walkies | github.com/kemp3673/WagsAndWalkies | wagsandwalkies.dog*　　2022
Dog walking and pet services website for a small business.
- Developed a fully functional website using Express.js and React, incorporating features such as a contact form, gallery for pet images, and a testimonial component to showcase customer feedback.
- Utilized CSS animations and SVG elements to create visually appealing and modern design elements, such as waves and other design flourishes.

Software Engineer | Himalia | *github.com/kemp3673/Project-Himalia*　　2022
Project involving creating a new service application for eCommerce web-site with legacy data.
- Designed and developed a scalable Restful API using Express.js and PostgreSQL, implementing optimization techniques to improve performance and reduce server load, resulting in a capacity of 1,800 requests per second.
- Ensured data shape returned by the API was identical to the previous API, exceeding customer requirements and providing room for growth with scaling.

Full Stack Engineer | GreenHorn | *github.com/kemp3673/GreenHorn*　　2022
Created job searching/posting application centered on career changers.
- Implemented integration with Google Calendar and Geocoding APIs, as well as PostgreSQL Geo-extensions, to enable advanced calendar and location-based features in the app.
- Assisted in the development of a multi-page React application with routing for different account types.

OTHER EXPERIENCE

Software Engineering Immersive Resident | Hack Reactor　　Aug 2022-Dec 2022
- Provided technical assistance and guidance to students on JavaScript and full-stack development, assisting 308 students through the course's ticketing system and building personal relationships with some students for additional support, while also contributing to the development of performance reports to track student progress and identify students at risk of falling behind.

Professional Driver | Boyle Transportation　　2019-2021
- Safely transported high-valued cargo while ensuring compliance with state/local regulations and holding a hazmat endorsement.

Electronics Sales Associate | Wal-Mart　　2017-2019
- Successfully spearheaded the upgrade process for ad-hoc display set-up, presenting a cost-benefit report to the store manager.

Geospatial Analyst | United States Air Force　　2011-2016
- Led team in specialized intelligence reporting, instructed with 100% pass rate, and demonstrated strong leadership.

EDUCATION

Hack Reactor | Advanced Software Engineering Certificate　　2022
American Public University | Completed 85 credit hours towards B.S. Information Technology　　2021-Current
Coursework in Web Development, Javascript, Java, Python, and Object Oriented Programming
American Public University | B.A.S. Technical Management: Project Management　　2019