Nicholas Kempkes

Clarksville, TN | (218) 770-3673 | nicholas.kempkes@gmail.com
linkedin.com/in/nicholas-kempkes | github.com/kemp3673 | nicholaskempkes.com/

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

Software Engineer | Wags & Walkies | *github.com/kemp3673/WagsAndWalkies*   2022
Dog walking and pet services website for small local 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 | Project Himalia | *github.com/kemp3673/Project-Himalia*   2022
Project involving creating new service application for eCommerce website with legacy data.
- Designed and developed a scalable ResfulAPI 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 | Project 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

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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.

Geospatial Analyst | United States Air Force   2011-2016
- Led team of analysts in creating specialized intelligence reporting and served as lead instructor, achieving a 100% pass rate for position upgrading exams.
- Demonstrated strong leadership and a commitment to excellence, delivering high-quality intelligence reporting and training to support the mission of the United States Air Force.

EDUCATION

Hack Reactor | Advanced Software Engineering Certificate   2022
American Public University | B.S. in Information Technology 85 Credit Hours   2021-Current
    Coursework includes: Web Development Fundamentals, Introduction to Python,
    Fundamentals of Programming, Introduction to Object Oriented Programming with Java
American Public University | B.A.S. Technical Management: Project Management   2019