Kody Maus

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Technical Skills:

Front-end: Javascript(ES5 & 6) | React | Redux | HTML5 | CSS3 | Axios | Bootstrap
Back-end: postgreSQL | mySQL | RESTful API Development | Express | MongoDB | Mongoose
Testing/Deployment: Mocha | Chai | Jasmine | Google Cloud Platform | Docker | Terraform | AWS EC2
Dev tools: Git | npm | Webpack | Babel | TDD | Linux | VirtualBox | Trello | Agile Practices

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Applications:

"Pangaea", *Bootstrap, MongoDB Atlas, Express, React, AWS EC2, mongoose*
A social App that facilitates meetups of different cultures to bridge the gap of learning new languages
- Optimized the back end routes and database queries to store messages between users as well as authentication credentials and profile customization data
- Completed a full scale, deployed application in 1 week with 7 other developers
- Containerized application on Docker and deployed on Amazon ElasticBeanstalk

"Targaryen", *MongoDB/Mongo Atlas, React, Express, PostgreSQL, AWS EC2*
Received a legacy codebase of a Game of Thrones themed Target clone to optimize backend architecture
- Benchmarked Mongo database with 10 million self-seeded documents against a PostgreSQL to determine the best optimized solution for deployment on AWS EC2
- Optimized my database to handle 1000 requests per second
- Deployed a raw service EC2 instance and proxy EC2 instance with t2.micro and performed thorough stress tests on each

"Lift Trace", *React, mySQL, Express, CSS3*
A simple progressive overload tracker application for fellow gym-goers
- Completed a MVP progressive overload tracker React.js application in less than 48 hours
- Utilized Terraform to automate provisioning and deployment onto either GCP or AWS EC2 instance

"Worst Buy", *React, mySQL, Express, HTML5, CSS3, Axios, MVC, Docker*
A spin on bestbuy.com with the WORST products on the market (reviews section)
- Deployed Docker with AWS Elastic Beanstalk for a scalable, highly available web application built with React
- Incorporated service oriented architecture(SOA) with 4 separate AWS Elastic Beanstalk applications with their own separate AWS RDS, connected all applications via a proxy server
- Deployed 4 containerized EC2 instances that communicate with one another effectively with the assistance of 3 other developers

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Professional Experience:

Jaguar Land Rover El Paso, *Gold Level Automotive Technician*   *2016-2020*
- Continuously solved complex problems involving all mechanical aspects of vehicles

U.S. Army, *Indirect-fire Infantryman*   *2010-2016*
- Led multiple small teams in daily practices and essential missions
- Held a Top Secret security clearance from 2011 to 2016

Education:

Hack Reactor - Advanced Software Engineering Immersive   *2020*
Western Technical College - AOS in Automotive Technology   *2018*