NICK KOZLAREK

Software Engineer • Colorado Springs, CO, 80909 • 719-619-6793

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SOFTWARE ENGINEERING PROFILE

- Exceptional ability to quickly build highly functional, aesthetically beautiful websites from scratch
- Grasp and confidently self-teach complex programming concepts

TECHNICAL SKILLS

Front End:	React - Javascript (ES5 and ES6) - TypeScript - CSS - HTML5
Back End:	Express - Node.js - RESTful API - SQL - MongoDB - PostgreSQL
Testing/Deployment:	Jest - Mocha - Chai - AWS: EC2
Platforms and tools:	Git - npm - VSCode - Webpack - Babel - Docker

SOFTWARE ENGINEERING APPLICATIONS

Chat-Chat, *https://github.com/RFE2207-Rivendell/blue-ocean*   *2022*

Chat app for language acquisition **(React, Node.js, RESTful API, AWS, PostgreSQL, Socket.io)**

- Managed UI for the entire project, leading 7 other software engineers in design and layout.
- Led and developed, using agile principles, the front end of a full stack educational learning website that allows teachers and language learners to connect, schedule meetings and practice their skills with one another.
- Implemented the front end for the entire app, integrating the postgreSQL database, socket.io and a translation dependency to create a smooth, responsive experience.

Atelier, *http://github.com/Trig-Titans/rfe2207-fec-trig-titans*   *2022*

Ecommerce web app **(React, Node.js, RESTful API, Nginx, AWS, PostgreSQL)**

- Implemented the overview portion of an ecommerce website, utilizing marketing techniques to optimize sales
- Transferred an outdated database with over 30 million files into a postgreSQL database.
- Optimized server to 100 ms at 2300 RPS using nginx load balancer and 4 EC2 T2 micro AWS instances. Original server response took 8000 ms at 100 RPS.

Prodi-G, *https://github.com/Nkozlare/chordsheets/tree/main/virtuosochords-copy*   *2022*

Web app for creating custom chord sheets for high level musicians **(React, PostgreSQL, RESTful API, AWS)**

- Created a build-your-own chord sheet app for songs either built by the user allows for searching of existing songs from an API.
- Integrated a database to store the chords and lyrics by each authenticated user (authentication created from scratch).

PROFESSIONAL EXPERIENCE

Software Engineer Immersive Resident - Hack Reactor, Remote   *2022 – 2023*

Software Engineer tutor and counselor

- Mentor over 100 students in advanced software engineering skills, meeting one on one and in groups to coach complex software engineering programming concepts.
- Monitor the progress of students by reviewing and evaluating their code, giving technical assistance when a student is falling behind.
- Created dozens of tutorials and guides for the curriculum, ranging from 3 hour long courses on full stack apps to AWS deployment guides.

Remote Hands Technician - Insight Enterprises, Colorado Springs, CO   *2021 – 2022*

IT specialist

- Maintained and monitored thousands of devices in data centers, recognizing hardware and software issues and ascertaining solutions to keep hundreds of companies across the globe running smoothly
- Trained 4 new hires, customizing the training process to address the needs of the individual learning styles resulting in expanded capacity at the leadership level to address higher priorities

Pasture Valley Children's Home, Nhlangano, Eswatini (Formerly Swaziland)   *2019 – 2021*

Technical Upkeep Manager

- Built and repaired furniture and buildings, recognizing problems and fixing malfunctioning plumbing and electric components to last for years of hard use
- Managed, delegated, and supported 50+ workers at the children's home, reducing project time and increasing employee satisfaction by recognizing and capitalizing on individual workers' strengths

Pastoral Trainer and Children's Mentor

EDUCATION

Hack Reactor, US Remote   *2022*

Advanced Software Engineering Certificate Program

Class President

Pikes Peak Community College, Colorado Springs, CO   *2018*

Associate's in General Studies (with an emphasis in sciences), 3.85 GPA