David Knittel

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Portfolio: https://djknit.github.io

Full-Stack Web Developer with a strong background in mathematics and a passion for learning. Has a sound foundation of coding knowledge that is continuously being expanded.

Technical Skills: JavaScript, Typescript, Node, Java, JSPs, SpringBoot, Git, Back-end, Express, MySQL, MongoDB, MVC, RestAPI, PassportJS, Front-end, HTML, CSS, Vue, React, Bootstrap, Agile, CI/CD, GitLab pipelines, AWS, Terraform, Unit Testing, XML, JSON

WORK EXPERIENCE

Cognixia, Remote, *Full-Stack Java Developer* 2021 - 2023

Cognixia's JUMP program is a hyper-intense technical training program that gives top STEM talent from across the U.S. the equivalent of 12-18 months of industry experience. Not only do they up-skill their technical abilities, they also evolve their digital mindset to successfully adapt and utilize technology in an efficient manner so they can JUMP start their careers via deployment with Collabera clients.

For Ally Financial, Remote, *Full-Stack Developer* 2022 - 2023

I worked full-time as a contractor for Ally Financial as part of my employment with Cognixia. This is NOT a separate job from my overlapping Cognixia JUMP program experience. I worked for 2 different teams at Ally during this time.

- On my first team, we worked on a "start-up" squad to create a new web app to replace an existing manual business process. We built a complex front-end using React with TypeScript and connecting to a simple RestAPI written in python. We used GitLab pipelines and Terraform to manage deployments of AWS cloud resources. I communicated closely with teammates remotely using chat and video calls. I was able to help the other junior developers on my team frequently to troubleshoot issues.
- My second team was an already existing team working on a large application that has been used by the business for over a decade. This application is written in Java with JSPs. I also worked remotely in this position while maintaining communication with the team and collaborating where possible.

Caesars Entertainment, Remote, *Email Builder* 2019 - 2020

Jet.com, Edgerton, KS, *Picker* 2017 -2018*, Packaging Supply Specialist* 2018 - 2018

Pizza Shuttle, Lawrence, KS, *In-store employee* 2015 - 2017

APPLICATIONS BUILT

Timeclock - An original time tracking app inspired by my real life use case of tracking work time. Includes some additional features not commonly available on similar existing apps. Full stack app with secure authentication.

- Tech Used: React, Bulma, Node, Express, Passport, MongoDB, Mongoose, Nodemailer, Bcrypt, Axios, Moment
- Deployed page: https://daves-timeclock.herokuapp.com
- Repository: https://github.com/djknit/timeclock
- Role: Sole Developer

Book Search - A full stack application complete with user authentication that uses the Google Books API to find information and links for books. Users can search for books and save results in the database.

- Tech Used: React, Bulma, Node, Express, Passport, MongoDB, Mongoose, Nodemailer, Bcrypt, Axios, Moment
- Deployed page: https://daves-book-search.herokuapp.com
- Repository: https://github.com/djknit/Google-Books-Search
- Role: Sole Developer

EDUCATION

University of Kansas, *Full Stack Web Development Bootcamp,* Overland Park, KS
University of Kansas, *Bachelor of Science in Mathematics*, Lawrence, KS
University of Kansas, *Bachelor of Arts in Chemistry,* Lawrence, KS