

# NIKKI PETERSEN

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## TECHNICAL SKILLS

HTML, CSS, SASS, JavaScript (vanilla and jQuery), Node.js, Express, MongoDB/Mongoose, React/Redux, Vue.js, Jest/Enzyme, MySQL, Postgres, REST APIs, Heroku, Git/GitHub, GitFlow, Jenkins, debugging, paired programming, remote team collaboration, MVC architecture, micro-services architecture, Object Oriented Programming, TDD, Scrum/Agile, Microsoft Suite, Unit testing and some automated Testing, JIRA, Confluence, CI/CD.

## PROJECTS

**Socially Awkward Gorilla** | Solo Developer | <https://evening-headland-21699.herokuapp.com>  
<https://github.com/piknikki/friendfinder3000>

A "friend finder" matching app, utilizing Node.js, Express, and Heroku.

**SmashCards** | Solo Developer | <https://smash-cards-5c415.web.app/>  
<https://github.com/piknikki/smashcards-vue>

A Vue application of flashcards that flip when clicked, and you can add cards, delete cards, and edit cards. (Use test@gmail.com and test123 to log in). Deployed with Firebase and firestore database, including authentication.

**FakeCompany Manager** | Solo Developer | <https://frontend-v2.herokuapp.com/>  
<https://github.com/piknikki/companies-v2>

A management app utilizing with add, delete, and edit functionality, using JavaScript, Vue.js Firebase (Firestore) and Heroku.

**100Projects100Days** | Solo Developer | <https://www.nikkipetersen.dev/onehundred>

My take on doing 100 projects; projects could be apps, websites, or components.

## EXPERIENCE

**Associate Software Engineer, Granicus**, Denver, CO 8/2019-8/2020

- Owned and operated services end-to-end, from debugging and unit testing to release management, monitoring, and post-deploy automated testing.
- Used TDD to develop and maintain high-quality software as a core coding contributor, including focusing on fundamentals of software lifecycle, bug fixes, features, and updates, on a complex codebase consisting of multiple micro-services utilizing JavaScript/React/Redux (front-end UI), Ruby on Rails (back-end) languages, with Jest/Enzyme and Rspec for testing, and using Docker for local instances. Participated in CI/CD as Release Captain regularly, deploying multiple repositories monthly as part of the SDLC process. Utilized ssh access to monitor and restart servers. Used git and gitflow for version control. Highly collaborative environment, working remotely with distributed team members and QA to problem-solve, create solutions, and troubleshoot concerns.
- Periodically acted as Scrum Master (CSM) for a distributed software engineering team, empowering and motivating team members to be self-organized and self-sufficient. Collaborated with other Scrum Masters and cross-functional teams on deliverables that

affect organization-wide goals, including release and continuous integration. Utilize Jira and Confluence for communication and documentation.

**Full Stack Development Tutor, Trilogy Education, Denver, CO** 6/2019 - 9/2019

- Empowered students through teaching, coaching, and mentoring, to achieve best comprehension of software development.
- Created individualized curriculum for each student, based on learning style, subjects of interest, and industry standards.
- Topics included MERN stack, front-end, back-end, databases, architecture, algorithms, Agile Methodology, and studying/learning techniques.

**Donation Center Manager, A Precious Child, Broomfield, CO** 11/2017 - 5/2018

- Managed teams of 5-60 volunteers, facilitating daily stand-up meetings, acting as a Servant Leader to multiple self-organizing teams managing multiple concurrent projects, providing support and mentoring to achieve and surpass established daily and monthly goals.
- Utilized Scrum, Lean, and Agile methodologies to continuously improve processes, to increase monthly productivity by 23% and improve quality by 18%.
- Constant improvement of team dynamics and performance, with organization-wide coordinated collaboration and diplomatic stakeholder management.

## **EDUCATION**

**University of Denver, Denver, CO**  
**Full Stack Web Development Certificate, 2019**

**Regis University, Denver, CO**  
**Master of Nonprofit Management — Leadership**

**Metropolitan State University, Denver, CO**  
**Bachelor of Science in Chemistry & Criminal Law**