

NIKKI LOU

SOFTWARE DEVELOPER/ENGINEER

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About Me

Full stack developer with relentless curiosity, emerging from a background in clinical healthcare. With over 1 year of experience in the software development field, I have solidified my passion for expanding my technical skill set and improving the human experience of developing, debugging, and collaborating on full stack software applications.

Technical Skills

Languages JavaScript, Node.js, HTML, CSS

Deployment Git, GitHub, Heroku, Command Line, Fly.io

Frameworks/Libraries React, Express.js, Bootstrap

Databases PostgreSQL, SQL, MySQL

Testing Jest

Education

San Jose State University 06/22-12/22

Fullstack Web Development Program
Software Engineering Certificate

University of Southern California 08/20-04/22

Doctorate of Physical Therapy

University of Washington 08/12-04/17

Bachelor of Arts in Public Health

Honors: Autumn 2012, Winter 2013, Spring 2015, and 2012-2013 Annual Dean's List. Minor in Nutrition.

Projects

Grace Shopper | [Render](#) | [GitHub](#) | [Youtube](#) 12/22

- Led a team of developers in the production of a full stack ecommerce site where users can buy grocery items. Implemented Agile workflow to drive the development within a 4-week timeframe using Git version control. Formulated project strategies, conducted code review, assigned daily sprints, documented project architecture using Miro. Individually designed critical components including product pages, site navigation, home, login, and registration.
- Tech stack: JavaScript, React, Node.js, PostgreSQL, Express.js, Webpack, Bootstrap.

Fitness Tracker | [GitHub](#) 11/22

- Developed a functional full-stack application for fitness and physical activity lovers within a 14 day deadline. Implemented responsive search function and enabled users to add, modify, and delete posts.
- Tech stack: JavaScript, React, Node.js, PostgreSQL, Express.js, Webpack, Jest, Bootstrap.

Snake | [GitHub](#) | [Netlify](#) 07/22

- Crafted a vintage arcade game with 8-bit styling. Scaled the application to allow users to modify the game's speed and difficulty. Incorporated "swipe" functionality and screen-responsive design for mobile and tablet users, and optimized the game for various devices.
 - Tech stack: JavaScript, HTML, CSS.
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Experience

Independent Contractor, Takara Bio USA 12/22-Present

- Implemented front-end design enhancements for internal communication software (Simplr) at a leading biotechnology company specializing in life science research, diagnostics, and bioproduction. Optimized software usability, resulting in significant increase in daily usage and participation by over 230 employees.
- Collaborated with stakeholders from the human resources department to gain insights, identify technological gaps, and deliver innovative solutions for enhancing efficiency and streamlined navigation.

Volunteer Developer, Code For PDX 5/23-Present

- Collaborated with a team of developers and designers at a local chapter of Code for America focused on using technology for social good. Contributed to various projects aimed at addressing community challenges and improving public services.