Cecilia Chimento

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LinkedIn | Website | Github | Blog

FULL STACK SOFTWARE ENGINEER

Experienced using technologies such as JavaScript, React, Python, SQL, and Flask. With five years of critical care nursing experience, I am highly adaptable to fast-paced, high-pressure environments and have strong collaboration, communication, and analytical skills. This emphasis on problem-solving and precision is just a small part of my unique blend of healthcare expertise and software development skills that I am eager to contribute to innovative teams.

TECHNICAL SKILLS

JavaScript, React, Next.js, Python, Flask, SQL, SQLite, SQLAlchemy, HTML, CSS, Git, GitHub, RESTful APIs, Miro, Figma, Chart.js, Beautiful Soup, Material UI, Semantic UI, Tailwind CSS

EDUCATION

Flatiron School   03/2024
Full Stack Web Development, Software Engineering, Member of Lovelace Fellowship

Medical University of South Carolina, Charleston, SC   05/2018
Bachelor of Science in Nursing, GPA: 3.95, Summa Cum Laude

TECHNICAL PROJECTS

EMpowR - Github | Demo
A platform for users to store healthcare data in one convenient location, empowering users to take control of their health.
- Utilized web technologies such as JavaScript, React and Material UI to deliver an intuitive user experience.
- Integrated Chart.js to provide engaging health metric visualization and insightful data representation.
- Engineered the backend infrastructure with Python, Beautiful Soup, and Flask-SQLAlchemy for robust data management and privacy compliance.
- Incorporated html2canvas and jsPDF for PDF downloads of health metrics reports, allowing users to conveniently share their metrics with their healthcare providers.

FloraFriends - Github | Demo
A social media inspired platform for plant owners to track the care they have provided for their plants.
- Collaborated effectively with a partner, utilizing Miro for project planning and GitHub for version control.
- Utilized technologies such as Python, Flask-SQLAlchemy, JavaScript, React.js, and Semantic UI to create a seamless user experience starting at the backend.
- Crafted a dynamic Home page that displays a feed of all users' plant cares, which can be filtered by plant or user.
- Conditionally rendered various components to disable users from editing any information not linked to their account.

EXPERIENCE

East Cooper Medical Center, Mt. Pleasant, SC   06/2023 - 11/2023
Registered Nurse, Neonatal ICU
- Managed care for neonates in a neonatal ICU.
- Led neonatal resuscitation in high-risk and cesarean section deliveries as the primary NRP provider.
- Mentored less experienced staff, fostering their professional development and ensuring high-quality patient care.

Various Companies   11/2020 - 05/2022
Travel Registered Nurse, Intensive Care
- Adapted to different environments in ICUs in Mesa, AZ; Lafayette, CO; El Paso, TX; and a level IV NICU, the highest level of acuity, in Albuquerque, NM.
- Provided expert care to neonates and adults in diverse clinical settings.
- Collaborated with residents, fellows, and diverse healthcare teams to develop comprehensive care plans.

Medical University of South Carolina, Charleston, SC   11/2019 - 11/2020
Registered Nurse, Neonatal ICU
- Delivered comprehensive nursing care to neonates in a level IV regional referral center.
- Pursued further education in best practice guidelines, staying abreast of the latest advancements in patient care.
- Implemented vigilant monitoring strategies to detect early signs of patient decompensation.