Annabelle Smith

Full-Stack Software Engineer

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Summary

As a Full-Stack Software Engineer, I leverage engineering and healthcare proficiency to optimize user experiences. My oncology nursing background has honed my ability to thrive under pressure, think critically, and solve complex problems. I excel in driving business outcomes through cross-department collaboration, with strong analytical skills, adaptability, and a passion to innovate healthcare technology.

Skills

Languages - JavaScript, HTML, CSS, Python, SQL, Mongo, JSON, EJS, DTL
Database - PostgreSQL, MongoDB
Libraries and Frameworks - React (class based and hooks), Express.js, Django, Jquery, Bootstrap
Other - RESTful Routing, JSON APIs

Relevant Experience

Full-Stack Software Engineer, Fellow | General Assembly   March 2024 – July 2024
- Completed a full-stack development program, delivering 4 projects across the full software development lifestyle. Focused on building health care focused user-centric web applications.
  Asclepius: Your Modern Guide to Better Health
    - Solely responsible for the full development lifecycle, from concept to deployment, combined MongoDB, Express, React, and Node.js to build a comprehensive health guide platform, demonstrating knowledge in full-stack development and ability to integrate multiple technologies seamlessly.
    - Utilized Postman extensively to test and verify query requests, resulting in reliable and efficient communication between the front-end and back-end services.
    - Enhanced user experience by incorporating Cloudinary for image management and MapBox for interactive map features, providing rich and dynamic content.
  Symptom Safari: A Platform for Oncology Patients to Monitor Treatment-Related Symptoms
    - Designed and developed the project independently, utilized Python and Django to engineer an engaging platform for pediatric oncology patients to track symptoms and generate a PDF report. Resulting in a one-click solution for users to download their personal symptom data by enhancing user experience and data accessibility.
    - Integrated PostgreSQL to manage user data efficiently, providing a robust and scalable backend that supports real-time data retrieval and storage optimizing database performance.
    - Implemented Bootstrap and flexbox layouts to craft responsive and visually engaging UI/UX that ensures users can easily navigate and interact with the platform.
  RX Remix: Simplifying Safe Medication Use for Oncology Nurses
    - Executed all aspects of this MEN-stack application using JavaScript, Node.js, Express, and MongoDB, enabling nurses to efficiently manage and access medication notes through a centralized platform.
    - Implemented RESTFUL routing to create an intuitive and user-friendly interface. Allowing nurses to effortlessly add, update, delete and view notes; utilizing RESTFUL routing for seamless navigation.
    - Applied knowledge of user needs from a healthcare perspective to create a practical and effective application while focusing on a user-centric design. Improving workflow and efficiency for medical professionals.
  Sunshine Showdown: A Seattle Connect Four
    - Independently designed and implemented this web-based Connect Four game using HTML, JavaScript, and CSS. Offering an interactive and competitive experience for players.
    - Demonstrated proficiency in front-end technologies by building a complete and functional web application.
    - Utilized JavaScript to handle game logic, ensuring smooth and responsive gameplay where players can seamlessly place and track their tokens.

Selected Experience

Medical Solutions, Oncology Registered Nurse   September 2023 – March 2024
- As a Travel Nurse, I successfully integrated into 3 different clinical settings within 6 months, demonstrating exceptional adaptability.
- Maintained a 99% compliance rate for clinical trials protocols across 20+ trials. Showcasing strong organizational, attention to details, and communication within a team.
- Consistently identified and addressed unmet needs, enhancing team efficiency and patient outcomes. Recognized March 2024 as nurse of the month.

McKenzie Willamette Medical Center, Registered Nurse   January 2023 – September 2023
- Proactively identified and addressed safety concerns with surgical teams utilizing strong analytical skills and the ability to anticipate and mitigate risks.
- Successfully adapted to diverse clinical settings and patient needs, maintaining high standards of care across various departments.
- Collaborated effectively with interdisciplinary teams to develop and implement patient care plans, fostering a collaborative environment and achieving successful patient outcomes.

Education & Certificates

General Assembly Software Engineering Immersive – Full-Stack Software Engineer Certificate

Fullstack software engineering immersive student in an intensive, 12-week, 500+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Executed end-to-end Fullstack Developed for 4 projects from application lifecycle management, and stakeholder presentation; worked fully remote with teams using Agile methodologies and iterative development.

Oregon Health Science University – Bachelor of Science in Nursing