BONNIE DENTINGER
IT SPECIALIST & WEB DEVELOPER

Profile

I possess advanced proficiency as a software engineer with a robust foundation in Web Development and Information Technology. Known for a diligent work ethic, I have effectively led teams in IT and software development. My competencies encompass database administration, software engineering, full-stack web development, server administration, and the implementation of RESTful web services, acquired through both academic knowledge and practical application. I am always striving to learn more and to put my skills to use in an environment that allows for personal and group growth.

EXPERIENCE

IT SPECIALIST/FULL STACK WEB DEVELOPER

SAAD Healthcare - The Retreat Hospice

04/11/2022 - Present

- Designing and developing web applications, micro-services, and RESTful APIs by utilizing a variety of programming languages, with an emphasis on Python
- Maintaining and troubleshooting existing websites and web applications
- Collaborating with cross-departmental teams to ensure alignment of web development projects with business goals
- Keeping abreast of emerging trends and technologies, proposing innovative solutions to enhance infrastructure and operations
- Resolving technical issues promptly and effectively
- Overseeing and managing databases, data backup and recovery systems, as well as on-premise and cloud servers
- Safeguarding the organization's IT systems and data integrity through implementing security measures to counter threats and vulnerabilities
- Directing a team of IT Specialists, offering mentorship to ensure team proficiency
- Formulating and executing IT strategies to bolster organizational objectives
- Providing technical leadership for IT projects and initiatives
- Frameworks utilized: Django, React, Flask
- Providing technical support and educational resources for employees
- Developing and implementing automated testing protocols to ensure software quality and reliability
- Participating in agile development processes, including sprint planning, daily standups, and retrospective meetings
- Analyzing user requirements and translating them into technical specifications
- Facilitating continuous improvement by integrating user feedback into development cycles
- Ensuring scalability and performance optimization of web applications
- Promoting a culture of collaboration, innovation, and excellence within the IT team
- Evaluating and recommending new technologies to improve operational efficiency and effectiveness
- Ensuring compliance with industry standards and regulations
- Fostering a secure and user-friendly digital environment for all stakeholders

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☎ 651-262-7828

✉ bonnie.dentinger@gmail.com

📍 2216 Vining Dr, Unit E, Woodbury MN

🌐 bonniedentingerdev.vercel.app

EDUCATION

BACHELOR OF COMPUTER SCIENCE
Colorado State University

December 2023

SKILLS

- Linux and Windows Servers
- Full Stack Development and Testing
- Shell scripting
- Project Management Tools
- Strong Communication
- Python
- PHP/HTML/CSS/JavaScript
- Relational Databases
- Google Cloud Platform
- Agile & Scrum Methodologies
- RESTful API Design
- Version Control (Git)
- Continuous Integration/Continuous Deployment (CI/CD)
- UX/UI Design Principles
- Cross-Browser Compatibility
- Responsive Design
- Performance Optimization
- Security Best Practices
- Data Analysis and Visualization
- Machine Learning Basics
- Excellent Team Collaboration Skills
- Adaptability and Quick Learning Abilities

Projects

- **The Hospice Hub**
  - Handles patient management and patient monitoring. Shows the current census for the in-patient unit as well as patients who are in-home.
  - Monitors patient wound information, including the number of wounds, wound care orders, assessments, care performed, and alerts users when a wound worsens based on assessments.
  - Utilizes fuzzy matching to evaluate the alignment of user-performed care with the specified order for each wound and allows administrative staff to select required keywords for each wound care order to ensure accurate documentation by nurses. This creates a streamlined and automated process in ensuring care performed adheres to company standards by saving time for administrative staff.
  - Enables scheduling staff to quickly assign wound care and assessments to nurses, who can access their schedules on the app, prompting the relevant form for completion.

- **DeclineSense**
  - Tracks a patient's decline to furnish detailed data necessary for Medicaid reimbursement.
  - Monitors the patient's consciousness, functional status, continence, sleep patterns, respiratory status, appetite, medication changes, vitals, and more.
  - Presents charts, tables, and reports on every aspect of decline for clear comprehension of the patient's status.
  - Generates reports, written in various formats, based on historical assessment data to identify trends in patient decline and compare current status with baseline admission data. These reports range from nurse narratives to IDG documentation, aiding in determining continued hospice care eligibility or potential transition to palliative care.

- **MedTrack**
  - Internal solution for monitoring controlled medications, eliminating paper documentation and facilitating reporting for state audits.
  - Tracks current medication stock in each building wing and records medication pulling, destruction, and other inventory changes.
  - Manages end-of-shift counts and requires one or two nurse signatures, stored within the system, based on the action.
  - Calculates medication usage over specified timeframes defined by the user and offers printable reports.

- **Maintenance Log**
  - Logs all building maintenance activities for state audits and general maintenance requests.
  - Provides a building layout indicating maintenance requirements or needs at specific locations.
  - Integrates with Google Chat for users to submit maintenance requests conveniently.

- **MobiPractice**
  - Mobile palliative practice software tracking patient data, insurance information, medications, diagnoses, labs, visits, and more.
  - Interfaces with Tebra to streamline billing processes.
  - This project was created due to a lack of solutions for providers that work mostly from patient's homes rather than from a provider office.
  - Handles the full scope of the workflow for the entire palliative team.

- **Bots and forms in Google Chat**
  - There are various bots and forms that I had created for use in Google chat that perform small tasks but made a huge difference in documentation and ease of use, such as the maintenance one mentioned above, temperature logging for kitchen staff and medication refrigerators, and scheduling alerts.