

SUSAN M BERNARD

FULL-STACK DEVELOPER

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SKILLS	EXPERIENCE
PROGRAMMING Javascript, Python, Typescript, Java MARKUP CSS3, HTML5, JSON, Markdown AI & AUTOMATION Claude AI, Agentic Workflows FRAMEWORKS & LIBRARIES Bootstrap, FastAPI, Node.js, Quasar, Vue DATABASES PostgreSQL, PGAdmin DEVELOPMENT ENVIRONMENTS VS Code, Android Studio DEVELOPMENT METHODOLOGIES Agile, SDLC, UML ENVIRONMENTS OS: Windows, Android, Linux Containerization: Docker VERSION CONTROL GitHub PROJECT MGT Jira, Trello DESIGN, UI, & UX TOOLS Graphics Editors: Inkscape, Paint.net Diagramming: Lucidchart, Miro, Visio Prototyping: Canva, Figma	Full-Stack Developer / Front End Developer AGRILYNK 📅 2022 – current Remote (Contract) • Build and maintain a full-stack IoT management platform in Vue/Quasar and FastAPI for agricultural station monitoring, sensor data, and irrigation control. • Create reusable Vue 3 components & composables to streamline development. • Design and implement REST API endpoints with Pydantic schemas, data models and database migrations using Alembic. • Perform daily debugging and troubleshooting in JavaScript, TypeScript, & Python, resolving complex issues across UI components and backend services. • Migrate legacy code to TypeScript to shrink bundle size & improve clarity. • Build custom agentic workflows with Claude AI for planning, code review, documentation, and project management. • Implement role-based access control, multi-tenant data scoping, soft-delete/restore features, and CI/CD pipelines via GitHub Actions. • Produce data-grid & chart components with filtering, export, & pagination. • Build dynamic forms and multi-step wizards with conditional field visibility, real-time validation, and interdependent field updates. Full-Stack Developer / Front-End Developer FINE TECHNOLOGY SOLUTIONS 📅 2017 – current Local & Remote • Translate client requirements into user flows, wireframes, prototypes, and technical specifications for web application projects. • Design, prototype, and build responsive client websites using HTML, CSS, JavaScript, and Bootstrap. • Create logos and icons for clients' print and digital products. • Register domains, procure SSL certificates, and configure hosting, email, and Git repositories for client projects. • Manage project administration in Jira and Trello including ticket creation, work packages, sprint planning, and backlog grooming. • Coordinate development efforts across teams to maintain codebase consistency and adherence to standards. • Deliver accessible, WCAG-compliant interfaces with attention to responsive design and cross-browser compatibility.

AWARDS

- ✿ Good Conduct Medal for outstanding behavior and professionalism.
- ✿ Joint Meritorious Unit Award for exceptionally meritorious achievement.
- ✿ Humanitarian Service Medal for meritorious assistance provided during Operation Sea Signal.
- ✿ National Defense Service Medal for honorable service during Persian Gulf War period.
- ✿ Coast Guard Special Operations Service Ribbon for meritorious service involving multiple agencies.

EXPERIENCE cont.

Media Specialist Paraprofessional
BRIGHTEN ACADEMY CHARTER SCHOOL

📅 2012 – 2013 Douglasville, GA

Perform computer/network admin, security, troubleshooting & provide technology education & training of staff/students.

Internet Assessor
LIONBRIDGE TECHNOLOGIES, INC.

📅 2008 – 2012 Remote

Analyze & evaluate text, web pages, images, maps, etc. for appropriateness to web search terms for a leading search engine.

Researcher / Transcriptionist
UNIVERSITY OF WEST GEORGIA / GEORGIA TECH

📅 2003 – 2008 Douglasville, GA

Perform research & transcription services for Dr. Kareen Malone, at UWG, under GT NSF grant.

Military Service: U.S. Navy
HOSPITAL CORPSMAN / PSYCHIATRIC TECHNICIAN

COURSES

- ✓ Information Structures (Python)
- ✓ System Analysis & Design
- ✓ Mobile Application Dev
- ✓ Agile Software Dev
- ✓ Web Application Dev
- ✓ Server-Side Web Dev
- ✓ Rich Application Dev
- ✓ Data Structures & Algorithms
- ✓ Adv Java Programming
- ✓ Software Design & Patterns

EDUCATION

Master of Science in **SOFTWARE DEVELOPMENT**
Boston University

➤ 2018 GPA 3.57

Bachelor of Science in **COMMUNICATION DISORDERS & DEAF EDUCATION**
Utah State University

➤ 2014 GPA 3.94

Bachelor of Arts in **PSYCHOLOGY**
University of West Georgia Honor's College

➤ 2006 GPA 3.7 Cum Laude

***REFERENCES & DD214 AVAILABLE UPON REQUEST