BRENTON J. GRAY

Software Engineer – Technical Leader – USMC Veteran

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Summary of Qualifications

Senior-level technical leader, manager, and problem-solver with 20 years of disciplined, mission-critical experience. Skilled in full-stack development and data management. Proven record of leading and coaching large cross-functional teams, safeguarding over $600 million in assets, and driving operational uptime. Active Secret Security clearance.

Skills

- **Languages**: C++, Java, Python, JavaScript, Verilog
- **Technologies**: Node.js, Express.js, SQL, Git & GitHub, MongoDB, HTML5, CSS3
- **Soft Skills**: Agile/Scrum, Systems Troubleshooting, Leadership, Communication, Critical Thinking, Emotional Intelligence, Adaptability, Initiative

Experience

Technical Operations Manager/Advisor   **September 2023 – Present**

United States Marine Corps | Albany, Georgia, USA

- Directed the modernization and life-cycle management of over $30M in advanced communications and electronic systems, including secure networks and satellite platforms, by leading cross-functional initiatives that improved system reliability by 15% and operational readiness by 10%. Provided expert-level troubleshooting, critical thinking, and used system diagnostics and performance data to resolve time-critical failures.
- Spearheaded logistics and supply chain coordination for electronics assets to reduce shipping times by over 50% and eliminate excess inventory by 25%. Acted as a strategic advisor to senior leadership, using readiness metrics and technical analysis to inform personnel training, procurement decisions, and long-term operational planning.

Technical Operations Manager   **October 2020 – September 2023**

United States Marine Corps | Camp Hansen, Okinawa, JAPAN

- Led the overhaul and operational deployment of 1,000+ technical systems, valued at over $11 million, across multiple global environments, driving change through integration of commercial technologies to meet evolving needs. Designed and implemented QA frameworks that passed 2 external audits with 0 deficiencies.
- Managed and mentored a 12-person tech team, increasing cross-functional capability by 90% through structured training and performance analysis. Collaborated with executive leadership to optimize team structure and workflows, leveraging data analysis to identify inefficiencies and deliver targeted process improvements under high-pressure conditions in austere environments, earning a high-level personal performance award as a result.

Selected Projects

WasteNot – Sustainable Recipe Web App (JavaScript, Node.js, Express.js, MongoDB, HTML5, CSS3): Mobile-friendly app that suggests meals based on leftover ingredients, reducing food waste. Integrated third-party API, JWTAuth, and Agile sprints; poised for user-generated recipes.

FlixDb – Movie Database Web App (JavaScript, Node.js, Express.js, MySQL, MongoDB, HTML5, CSS3): Built RESTful CRUD endpoints and responsive UI to catalog films and reviews, demonstrating multi-DB integration and containerized deployment.

Education & Training

- **Bachelor of Science, Computer Science** | National University, San Diego, CA | **Cum Laude** | **GPA**: 3.6 | **Honor Societies**: Golden Key Int., Phi Chapter Omega Nu Lambda, National Society of Leadership and Success
- **Business Communications** | Marine Corps University, Quantico, VA | 2020
- **Leadership and Ethics** | Marine Corps University, Quantico, VA | 2020
- **Systems Integration** | Communications Electronics School, Twentynine Palms, CA | 2017

Certifications & Affiliations

- Lean Six Sigma Yellow Belt
- IEEE Computer Society Member