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 cross-functional teams, safeguarding over $600M in assets, and driving up-time above 95%. 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 and operational readiness. Provided expert-level troubleshooting and used system diagnostics and performance data to resolve time-critical failures.

- Spearheaded logistics and supply chain coordination to reduce lead times and eliminate excess inventory. 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 across multiple global environments, driving change through the integration of commercial technologies to meet evolving mission needs. Designed and implemented quality assurance frameworks that passed external audits with zero deficiencies.

- Managed and mentored a 20-person tech team, increasing cross-functional capability through structured training and performance analysis. Collaborated with executive leadership to optimize team structure and workflows, leveraging data to identify inefficiencies and deliver targeted process improvements under high-pressure conditions.

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