Nicholas Murray

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Objective

Aspiring Software Engineer with a Bachelor of Science in Computer Science and hands-on experience in front-end development using React and back-end technologies such as Node.js and Python. Demonstrated success in agile environments through academic projects and leadership roles. Driven to deliver user-focused, scalable solutions while thriving in collaborative teams.

Technical Skills

- **Programming Languages**: Python, JavaScript, C, Ruby, Raku, Prolog, Assembly
- **Frameworks & Tools**: Flask, Node.JS, React, Google Cloud Platform, HTML/CSS
- **Databases**: SQL (SQLite)
- **Software Development**: API design, CI/CD workflows, Agile methodologies, CRUD operations, Test Driven Development, Git, Jira, RESTful APIs, Web development, UI Components, Microservices, Group Scrum Master, Debugging and log monitoring
- **Leadership & Soft Skills**: Team Leadership, Communication, Adaptability

Professional Experience

Amazon Prime Air | *Sr Program Manager, Aviation Safety* | **11/2017 - 08/2021**
- Led a team of 10 Safety Officers managing operational aviation safety for Amazon's drone delivery program, enhancing team performance through mentorship, training, and professional development programs.
- Directed safety audits, spot checks, root-cause analysis and annual reporting to ensure compliance with aviation standards while aligning with agile project practices.
- Collaborated with cross-functional teams—including product and QA—to identify risks and implement scalable procedures, demonstrating a commitment to quality and responsive operational solutions.
- Served on monthly cross-collaboration standards meeting to develop, approve, and publish operational procedures for testing and data collection operations to include use of data analysis to support expanding boundaries and testable functionality improving customer satisfaction and validating stakeholder requirements.

United States Navy | *Naval Officer & Naval Aviator* | **08/2005 - 03/2017**
- Managed training programs, readiness evaluations, and operational Search and Rescue flight missions, ensuring strict adherence to aviation standards and risk assessment ideals when pertaining to time critical decision making.
- Ensured personnel qualifications met deployment requirements while adhering to rigorous timelines and quality assurance standards for mission readiness.
- Fostered team collaboration and clear communication during high-stakes missions, delivering successful operational mission outcomes under pressure.
- Led as Safety Department Head while Squadron was awarded both Safety S and Battle E for effective mission operations.

Education

Oregon St. University | *Bachelor of Science, Computer Science* | **Graduation: 03/2025**
- **Coursework:** Web Development, Google Cloud Platform Application Development, Databases, Software Engineering, Data Structures, Analysis of Algorithms, Operating Systems, Intro to Computer Networks, Computer Architecture and Assembly Language, Programming Language Fundamentals

George Mason University | *Master of Business Administration* | **Graduation: 06/2013**

Western Michigan University | *Bachelor of Science, Secondary Ed, Physics* | **Graduation: 12/2001**

Projects

Internal DB Business Management Tool, Anti-Timesink Productivity Toolset, WSF Ferry Finder API Web App