

# John Bell-Higgins

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| **Citizenship:** Yes (U.S. Citizen) | **Federal Experience:** Yes (Military – U.S. Navy) | **Clearance:** Secret (inactive) |

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## CAREER OBJECTIVE:

Full Stack Developer with hands-on experience developing, maintaining, and supporting backend and automation systems across the full SDLC. Skilled in building Java, and C# applications, integrating REST APIs, and optimizing SQL databases. Passionate about building solutions that make a difference in customer and user experience. U.S. Navy Veteran with proven adaptability and technical growth mindset.

## TECHNICAL SKILLS:

- **Programming:** Java, C#, Python, JavaScript, C, C++, SQL, PL/SQL Bash, VBA (familiar), HTML/CSS
- **Development Tools:** Spring Boot, Node.js, RESTful APIs, SQL, PL/SQL, MySQL, SQL Server
- **Cloud & DevOps:** GitHub, CI/CD, Azure DevOps, Spring Boot, AWS (EC2, S3 – basic familiarity), Docker
- **Practices:** Agile/Scrum SDLC, CI/CD, Test-Driven Development (TDD), Junit5, Automated Testing
- **Data & Analytics:** Data Quality Assurance, Data Cleaning Automation, Backend Diagnostics

## PROFESSIONAL EXPERIENCE

**Software Engineer Intern | Jacksonville Electric Authority, Jacksonville, FL**

*August 2024 – Present*

- Developed program logic for new backend services using C#, Java, and PL/SQL to support operational systems.
- Developed REST API integrations to connect internal systems and external data sources.
- Participated in Agile SDLC processes from requirements gathering to deployment and change management documentation.
- Integrated REST APIs and implemented real-time data notifications, improving operational visibility and system responsiveness.
- Used GitHub, CI/CD pipelines, and Agile methodologies to ship production-ready backend features.

**Database Administrator Intern | Jacksonville Electric Authority, Jacksonville, FL**

*March 2024 – August 2024*

- Automated database tasks with Python and Bash scripts to reduce manual workload by 50%.
- Applied performance patches and conducted SQL tuning across Oracle environments.
- Developed and deployed backend Python tools for data quality assurance and reporting accuracy.
- Developed internal tools using HTML/CSS, improving UI usability and team efficiency.
- Strengthened skills in Linux scripting, backend diagnostics, and system-level troubleshooting.

**Hospital Corpsman | U.S Navy**

*October 2016 – August 2021*

- Deployed to Kuwait and Jordan (May 2019 – November 2019)
- Trained and supervised 12+ junior corpsmen
- Demonstrated adaptability, focus, and leadership in diverse operational environments.

## PERSONAL PROJECTS

**Weather Intelligence Application**

- Engineered a full-stack weather dashboard using Java, Spring Boot, and MySQL.
- Integrated third-party REST APIs to provide real-time weather data with <200ms latency.
- Designed a responsive frontend using HTML/CSS/JavaScript.
- Practiced requirements gathering, development, testing, and deployment, simulating full SDLC.
- Technologies: Java, Spring Boot, REST APIs, MySQL, HTML/CSS, GitHub

## EDUCATION:

**University of North Florida — B.S. in Computer Science**

Aug 2021 – May 2025 | GPA: 3.48