John Bell-Higgins

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CAREER OBJECTIVE:

Results-driven **Full Stack Software Engineer** and **U.S. Navy Veteran** with experience designing and developing scalable, high-performance web applications. Proficient in Java, Spring Boot, SQL, and RESTful services, with foundational experience in ReactJS and frontend development. Adept at Agile software development, CI/CD practices, test-driven development (TDD), and contributing across the full software lifecycle. Passionate about building efficient systems, collaborating cross-functionally, and driving innovative solutions that deliver business value.

TECHNICAL SKILLS:

- **Programming**: C#, Python, Java, C, JavaScript, C++, Bash
- **Backend Development:** RESTful APIs, SQL, PL/SQL, Entity Framework
- **Cloud & DevOps**: GitHub, CI/CD, Azure DevOps, Spring Boot, basic familiarity with AWS (EC2, S3), Docker
- **Web Development**: HTML, CSS, JavaScript, TypeScript, JSON, basic familiarity with Angular and Node.js
- **Databases**: SQL Server, MySQL, Oracle SQL
- **Tools**: Visual Studio, Eclipse, PyCharm, IntelliJ, Oracle SQL Developer, Power BI
- **Practices**: Agile/Scrum, CI/CD, Test-Driven Development (TDD), Automated Testing,

PROFESSIONAL EXPERIENCE

Software Engineer Intern | Jacksonville Electric Authority, Jacksonville, FL   *August 2024 – Present*
- Designed and implemented frontend interfaces using HTML, CSS, and JavaScript to support internal user workflows.
- Developed enterprise-grade features using C# and ASP.NET Core with robust REST API integrations and backend service layers.
- Supported property address validation processes and assisted in integration of **GIS map layers** into internal systems.
- Participated in UI/UX feedback loops with stakeholders to improve usability and interface accessibility.
- Implemented **real-time notification services** and backend database triggers to support operational readiness.
- Collaborated in **Agile team environments**—participating in scrums, sprint reviews, and code reviews.
- Enhanced system responsiveness and scalability using SQL-based triggers and Entity Framework.
- Built and optimized CI/CD pipelines using GitHub Actions and Azure DevOps, reducing manual deployment time by 70%.
- Integrated RESTful APIs and optimized service endpoints for reliability and performance using Entity Framework
- Enhanced system diagnostics with custom loggers and performance monitoring tools.

Database Administrator Intern | Jacksonville Electric Authority, Jacksonville, FL   *March 2024 – August 2024*
- Implemented Python and Bash scripts for database maintenance automation, reducing manual overhead by 50%.
- Maintained SQL Server environments by applying updates and performance patches.
- Developed Python scripts to automate data quality assessments, ensuring accurate reporting.
- Developed internal tools using **HTML/CSS**, improving UI usability and team efficiency.
- Advanced technical proficiency in Linux, SQL, Oracle SQL, and Bash scripting through hands-on implementation.

Hospital Corpsman | U.S Navy   *October 2016 – August 2021*
- Deployed to Kuwait and Jordan (May 2019 – November 2019)
- Trained and supervised 12+ junior corpsmen
- Led field operations, executing critical medical processes under pressure while cultivating invaluable leadership skills
- Maintained high operational standards and adaptability in diverse and challenging environments

PERSONAL PROJECTS

Weather Intelligence Application
- Built RESTful API endpoints and integrated SOAP/XML-based service requests into backend workflows (simulated service architecture for learning and testing)
- Engineered a full-stack weather dashboard with Java backend and MySQL, integrating third-party REST APIs to deliver live forecast data with <200ms latency.
- Integrated real-time weather.com REST APIs to dynamically display forecast data including temperature, wind speed, and UV index in an interactive UI.
- 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