

Aydan Wessels

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GitHub: github.com/a-wessels | Portfolio: a-wessels.github.io/card

SUMMARY

Full-stack developer with experience in Angular, ASP.NET Core, C#, SQL, and automation systems. Skilled at building scalable applications, integrating APIs, and translating complex workflows into maintainable solutions. Remote-ready, adaptable, and quick to learn new tools.

TECHNICAL SKILLS

Languages & Frameworks: Angular, ASP.NET Core, C#, TypeScript, JavaScript, Python, Java, SQL, HTML5, CSS3, Materialize CSS

Databases & Tools: PostgreSQL, Oracle DB, Entity Framework Core, SCADA, OCR integration

Practices: OOP, SOA, Event-driven design, API development, Agile/Scrum, Git

EXPERIENCE

Developer – EDX (2019 – Present)

- Built Angular + ASP.NET Core web solutions applying SOA and event-driven patterns.
- Maintained scalable code and collaborated in remote teams.

Project Manager / Control Systems Developer – Team Industrial Services (2014 – 2019)

- Developed SCADA-linked control systems with ladder logic and APIs.
- Led teams of 4–15 from planning to deployment.

CIO / Software Engineer – Irrigation Craft (2013 – 2014)

- Created SQL database (40K+ entries) with Java UI; automated purchasing workflows.
- Integrated OCR to digitize catalogs, reducing errors and saving time.

Information Technologist / Data Systems Developer – Amazon.com (2011 – 2013)

- Automated data retrieval and storage in Oracle Apollo system (SSH + web).
- Supported predictive analytics and process optimization.

EDUCATION

Attending B.S., Bioinformatics – Florida Atlantic University

A.A., Biotechnology – Indian River State College

PROJECTS

Virtual Business Card | HTML, CSS, Materialize CSS

- Responsive web portfolio showcasing projects and contact info.
- a-wessels.github.io/card

Manufacturing Automation DBMS | SQL, Java, OCR

- Digitized vendor catalogs via OCR, creating a 40K+ entry relational database.
- Automated vendor selection and purchasing workflows for manufacturing.

Algorithms Showcase | C, GitHub Repo

- Implementing classic data structures and sorting algorithms.
 - <https://github.com/a-wessels/>
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HIGHLIGHTS

- Experience across industrial automation, SaaS development, and data-driven systems.
- Leadership of teams up to 15 people during complex technical projects.
- Proven ability to learn and deploy new languages/frameworks rapidly.
- Strong foundation in documentation, diagrams, and communicating technical concepts.

PERSONAL TAGLINE

"Turning complex workflows into clean, maintainable code."