

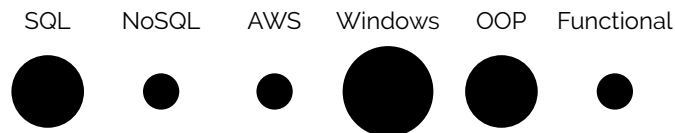
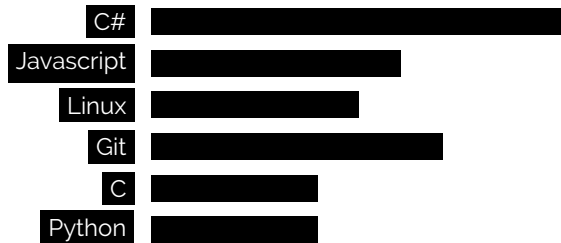
# JOSHUA JACKSON

Software Engineer II

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## WHO AM I?

I am a passionate technology geek seeking to push my skills and abilities to new levels. My career has exposed me to a broad range of technologies, and it has been a humbling journey. I love learning about practically any topic, and I thrive in environments where learning is a constant requirement. I'm currently focused on sharpening my low-level programming abilities and reducing the number of abstractions between myself and the bare metal.



## EXPERIENCE

2012 – present

### Software Engineer II

Cepeda Systems and Software Analysis

Full-Stack Desktop application development providing aviation GIS mission planning capabilities for the Department of Defense.

- Created a WPF application for running tests in the production environment that generated a test report and traceability matrix, which reduced testing time from two weeks to one day.
- Fielded a REST web service for gathering user feedback during a test event on an isolated network, which reduced distractions and increased the quality of the feedback gathered during the event.
- Migrated the project from a custom dependency management solution to Nuget, which provided increased stability for upstream teams while eliminating the bus factor associated with the custom approach.

C# / Visual Studio / Windows / Azure Dev Ops

Sept. 2018 – 2020  
part time

### Lead Developer

Cepeda Systems and Software Analysis

Serverless web application for facilitating CMMI appraisals.

- Architected the application using AWS for the back-end (Lambda, Cognito, S3, DynamoDB, API Gateway) and React+Bootstrap for the front-end.
- Created scripts using the Serverless Framework and NPM for deploying the back-end and front-end automatically.
- Integrated the project with Electron, which provided equivalent functionality as a Desktop application while reusing existing code.

JS / React / AWS / Node.js / Electron / Git

## EDUCATION

2007 – 2012

### Bachelor's Degree

University Of Alabama in Huntsville

Computer Engineering - GPA 3.4

## REFERENCES

251 616 0420	<b>Ashley Sanders</b>	Former colleague and collaborator
256 461 1210	<b>Chase Marsh</b>	Architect and Lead Developer - AMPS
256 603 3519	<b>Tom Holt</b>	Former Architect and Lead Developer - AMPS