

# JOSHUA WILKERSON

## FULL STACK DEVELOPER – 3D MODELER

### CONTACT



402-871-1620



joshua@wilkinson.io



<https://wilkinson.io>



Chicago, IL 60618

### SKILLS

<b>Platforms</b>	AWS, Cloud Foundry, Docker/Podman, Google Cloud, MacOS, Linux, Windows
<b>Programming Languages</b>	C, C++, C#, Java, JavaScript, Lua, Node.js, Perl, PHP, Python, Rust, TCL, TypeScript
<b>Document Languages</b>	CSS, EJS, HTML, Jinja, JSON, LESS, SASS, XML, XSD, XSLT, YAML
<b>Database Languages</b>	Informix, MongoDB, MySQL, PostgreSQL, SQLite
<b>Back-end Frameworks</b>	Axum, Django, Express, FastAPI, Koa, Laravel, Next.js, Symfony, Spring Boot, Spring Cloud
<b>Front-end Frameworks</b>	Angular, Bootstrap, Cytoscape.js, jQuery, jQuery UI, Next.js, React, Vue.js
<b>CI/CD</b>	Ansible, Concourse, GitHub/Gitea Actions, Jenkins, PyInfra
<b>3D Modeling</b>	Blender, Unity
<b>Other Tools</b>	npm, uv, Babel, Git, Maven, Webpack

### EDUCATION

**Associate in Applied Science (4.0 GPA)**  
Metropolitan Community College  
Omaha, NE

### WORK EXPERIENCE

#### Freelance 3D Modeler

Self-Employed

2021-Present

- Create custom 3D characters, clothing, and accessories for clients in virtual environments, including Vtubing and VRChat.
- Operate an online storefront for clothing and accessories tailored to popular model bases.
- Utilize C# in Unity and Python in Blender to optimize and streamline build processes.
- Implement automation using PyInfra for on-site backup processes to enhance efficiency and security.

#### Senior Software Engineer

Intrado (formerly West Corporation)

2018-2021

- Developed a Concourse template generation tool to facilitate onboarding for new developers in modern deployment processes.
- Led the transition of 12+ legacy apps to React and Spring Boot, collaborating with offshore teams and local developers.
- Designed and implemented RESTful APIs in Spring Boot to replace monolithic functionalities.
- Created custom Docker images for applications requiring migration from end-of-life platforms.

#### Software Engineer

Intrado (formerly West Corporation)

2014-2018

- Developed a visual editor for non-developers to create multilingual IVR/SMS outbound flows for CVS.
- Engineered a multi-channel payments application for a leading credit card company, leveraging distributed processing and a bidirectional event model.
- Adapted Symfony to function on a unique platform, overcoming challenges in deployment processes.
- Architected a high-traffic mobile API and its supporting platform to enhance service delivery.
- Collaborated across divisions to resolve dependency issues related to query optimization and database design.

#### Software Analyst

Intrado (formerly West Corporation)

2013-2014

- Created web applications for large clients including IBM, AT&T, DirecTV, CVS, and Comcast.
- Developed PHP libraries to streamline the integration of a proprietary middleware layer for new developers.
- Repurposed a self-developed MVC framework to structure a platform lacking modern frameworks.

#### Freelance Web Developer

Self-Employed

2010-2013

- Delivered customized web and mobile development solutions, encompassing front-end and back-end development along with graphic design.