JOSHUA WILKERSON
FULL STACK DEVELOPER – 3D MODELER

CONTACT

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SKILLS

Platforms	AWS, Cloud Foundry, Google Cloud, Linux, MacOS, Windows
Programming Languages	C, C++, C#, Java, JavaScript, LUA, Node.js, Perl, PHP, Python, TCL, TypeScript
Document Languages	CSS, EJS, HTML, LESS, SASS, XML, XSD, XSLT
Database Languages	Informix, MongoDB, MySQL, PostgreSQL, SQLite
Back-end Frameworks	Django, Express, Koa, Laravel, Next.js, Symfony, Spring Boot, Spring Cloud
Front-end Frameworks	Angular, Bootstrap, Cytoscape.js, jQuery, jQuery UI, Material UI, React, Semantic UI React
CI/CD	Ansible, Concourse, Jenkins
3D Modeling	Blender, Unity
Other Tools	npm, Babel, Git, Maven, Webpack

EDUCATION

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

High School Diploma
Millard South High School
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 Ansible 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.