

# JJ Kahrs

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## WORK EXPERIENCE

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### Blue Wizard Labs

Dec 2019 - Present

*Founder & Software Engineer*

- BWL is a solo entrepreneurship venture with 2 product releases:
- [StarMech](#), a single-player 2D bullet-hell roguelike game released into early access in August 2022. Completed all the game design, coding, shaders, sprites, music, and sound design.
- [Cetacean](#), a writing SaaS for novelists. Cetacean is a MERN stack application deployed on AWS with features that include a rich text editor, document versioning, in-app social network, and tools for research organization and story outlining.

### Misfits Attic Games

Jul 2022 - Nov 2022

*Gameplay Programmer*

- Programmer working on a team to develop a prototype 2D strategy game built using the Unity game engine.
- Responsible for implementing game systems and UI for a followup title to Duskers.

### Clinwiki

Dec 2020 - Jun 2021

*Software Architecture Consultant*

- Clinwiki is an open source project for searching clinical trials.
- Provided designs and guidance for updating their tech stack to React/Redux/NodeJS.
- Provided development for key components
- Mentoring for junior developers.

### Farmhouse

Jul 2017 - May 2019

*Lead Developer*

- Dev team lead for Sweetspot; A free app that allows shippers to manage the bidding process for spot freight across all their approved carriers.
- Designed and developed React/Java Spring Boot/MySQL app, and handled DevOps for CI/CD process and Amazon Web Services hosted EC2 servers, ELK stack.
- Designed and built React-Native mobile apps and React/NodeJS/MongoDB web app for The Underbelly, a yoga/lifestyle subscription service.

### MercuryGate

Oct 2007 - Mar 2016

*Software Architect / Senior Software Engineer*

- Software architect and team leader for Carma carrier management system.
- Developer on Transportation Management System (TMS), MercuryGate's flagship product.

### Verizon

Oct 2003 - Mar 2007

*Application Developer*

- Application developer with Verizon's Enterprise Services Portal. Primary developer on ESP's web services for NASDAQ support team.

**Cisco Systems** Feb 2002 - Sep 2003  
*Web Application Developer*

- Team lead in charge of the MOVE manufacturing enhancements for Cisco's online ordering application.

**Duke University** Oct 2001 - Feb 2002  
*Web Application Developer*

- Developer for the Application and Database Services group for Duke University's Office of Information Technology.

**Oak Grove Software** Nov 1999 - Jul 2001  
*Senior Application Developer*

- Consulting and software startup. Worked as a contactor at the following: Cisco Systems, IBM Advanced Software Group, HiddenMind

**Questra Consulting** Jun 1999 - Nov 1999  
*Consultant*

- SA/DBA and systems programmer at MCIWorldcom.

## EDUCATION

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**University of Mississippi**  
BS in Computer and Information Science Dec 1997  
MS in Computer Science May 1999

## SKILLS

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- **Languages:** Javascript, Typescript, C#, Java, Python, HTML, CSS
- **Frameworks:** React, React-Native, Node, Express, Spring, Hibernate, REST
- **Software:** Unity, Godot, Git, PlasticSCM, SVN, FL Studio, Windows, MacOS, Linux
- **DevOps:** AWS, MongoDB, Oracle, MySQL, Elasticsearch, Logstash, CI/CD