

 ragewind48@gmail.com

 231-590-4711

# Joseph Kurtz

jwkurtz44 

 ragewind87

## EXPERIENCE

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### Software Developer

PoliteMail Software

March 2022 – Current

Portsmouth, NH

#### Key Achievements

- Core contributor to a greenfield, external-facing beta product, delivering full-stack features using: React, TypeScript, C#, .NET WebAPI, Azure Cosmos DB
- Owned end-to-end development across React UI, C# APIs, services, and desktop applications, and SQL Server databases, contributing to a full-stack product suite.
- Drove early AI architecture decisions, identifying in-browser model limitations and guiding a shift to a scalable, cloud-hosted inference approach
- Contributed to the design of Azure-based LLM infrastructure, supporting GPU-hosted inference and distributed processing (*Azure GPUs, Databricks, Kubernetes; Python for AI tooling and scripting*)

### Software Developer

Michigan Technological University

Jun 2021 – Mar 2022

Houghton, MI

- Managed a small team to design and develop an automated UI testing framework built in C#
- Mentored interns with onboarding, ticket management, and software debugging

### Software Developer Intern

Michigan Technological University

Jun 2019 – Jun 2021

Houghton, MI

- Contributed to bug fixes, testing, and ticket-based development under the guidance of senior engineers

## TECHNICAL SKILLS

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- TypeScript
- React
- SQL Server
- Azure DevOps
- Git
- C#
- Redux Toolkit
- .NET OData WebAPI
- Azure Cosmos DB
- Postman

## PROJECTS

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### Godot Strategy Game Prototype (C#)

Sep 2025 – Current

- Sole developer handling all technical implementation and gameplay systems in C#
- Partnering with an artist on long-term indie strategy game planned for eventual release

### Portfolio / Game Hub (React TS)

Jul 2023 – Current

- Built and deployed a live React + TypeScript portfolio and game hub showcasing personal work
- Live Project: <https://ragewind87.github.io/>

### Chess Game (React JS)

Sep – Dec 2019

- Led a student team of four to build a client-side game using React.js leveraging Node.js
- I rapidly built my foundational React skills by implementing all piece movement logic

## EDUCATION

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### Meta Front-End Developer Professional Certificate

Dec 2025

[https://www.credly.com/badges/bf5506a1-af69-47e6-9206-a9037f0b4abe/public\\_url](https://www.credly.com/badges/bf5506a1-af69-47e6-9206-a9037f0b4abe/public_url)

### BS Software Engineering

May 2021

Michigan Technological University | GPA: 3.71

Houghton, MI

- Dean's List | University Honors | Certificate of Merit in Calculus (x2)