

Kingston Mcguire

Application for Entry-Level Python Developer

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📍 Madison, WI 53703

AUGUST 25, 2026

Hiring Team
Northstar Codeworks
Aurora, IL

Dear Hiring Team,

I am applying for the Entry-Level Python Developer position at Northstar Codeworks. I recently completed a Bachelor of Science in Computer Science and have built web applications with Python, Flask, Java, SQL, and Git. My project work has focused on turning clear requirements into working prototypes, testing them carefully, and explaining technical decisions to both technical and nontechnical audiences.

In my capstone project, I helped build a Flask and Java-supported application for searching, filtering, and saving campus resource records. I designed REST-style routes, validation logic, and SQL queries for a 4,800-record dataset, then added pytest coverage for authentication, malformed requests, filters, and record updates. After eight peer testers identified navigation problems, I revised form labels, error messages, and page flows. That experience taught me to treat usability and repeatable testing as part of development rather than as final checks.

I have also practiced the fundamentals that support junior client work: object-oriented Python and Java, SQLite-backed CRUD features, API response parsing, debugging with logs and breakpoints, and collaborative Git workflows. In a supervised lab and a campus hackathon, I worked from incomplete problem statements, broke work into manageable tasks, and documented setup instructions so others could run the results. I would bring that practical approach, along with a willingness to keep strengthening my skills, to Northstar Codeworks.

I would welcome the opportunity to discuss how my project experience and steady approach to learning could support your development work. Thank you for your time and consideration.

Sincerely,

Kingston Mcguire



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