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Hiring Team
Northstar Technical Solutions
Des Moines, IA

Dear Hiring Team,

I am applying for the Entry Level UI Developer position at Northstar Technical Solutions. I am completing a Bachelor of Science in Computer Science at Iowa State University in 2026, and my project work has focused on connecting clear, responsive interfaces with reliable Java services and documented APIs. I am especially interested in a role where I can keep developing while contributing useful, testable code to client projects.

In my capstone project, I translated 18 user stories into JavaScript views, validation states, and mobile-friendly navigation for a service-request workflow. I also built Spring Boot REST endpoints, organized business rules with Core Java, and added unit tests and API test collections for malformed payloads and authentication scenarios. Using feature branches, pull requests, code reviews, and SDLC checkpoints, our four-person team carried the application from requirements through release preparation. I presented the architecture and test results to a 12-member review panel and received a high distinction for technical completeness.

My other work has given me a practical foundation in both interface development and data-focused applications. In a research assignment, I built a Python text-analysis interface for 9,400 public reviews, adding introductory NLP, Tableau dashboards, statistical summaries, and time-series visualizations. In a software engineering lab, I connected a JavaScript front end to REST services, practiced Spring Boot and microservice communication, and wrote setup instructions that helped 14 classmates reproduce the environment. These projects strengthened my habit of documenting assumptions, testing incrementally, and explaining technical choices in plain language.

I would welcome the opportunity to discuss how my background in Java, JavaScript, Spring Boot, REST APIs, and data visualization could support Northstar's client work. Thank you for your consideration.

Sincerely,

Timothy York



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