

JACOB HARTMAN

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PROFESSIONAL SUMMARY

Junior Full-stack Developer skilled in React, Node.js, Spring Boot, and TypeScript, experienced in delivering secure APIs, scalable back ends, and responsive user interfaces through academic and personal projects.

CORE SKILLS

- | | | |
|---------------|--------------|-------------------|
| • React.js | • JavaScript | • CSS |
| • Spring Boot | • Python | • Docker |
| • TypeScript | • HTML5 | • Node.js |
| • Java | • MySQL | • API Development |

PROJECTS

GrubGrade Reviews, Full-stack Web Application

2026

- Built secure RESTful APIs using Java, Spring Boot, and Elasticsearch, supporting ~500 weekly test interactions and improving response times by ~15%
- Containerized services with Docker Compose and integrated Keycloak authentication, reducing deployment effort and improving app responsiveness

GameHub Explorer, React & TypeScript Web App

2025

- Designed a mobile-responsive interface using the RAWG API with advanced search and filtering features, increasing user engagement by ~30%
- Improved performance through caching and lazy loading, delivering ~30% faster API responses and reducing page load issues

Blockchain Ledger Prototype, Academic Project

2024–2025

- Implemented a blockchain ledger simulation in Java, utilizing SHA-256 hashing and JSON serialization to ensure transaction integrity
- Reduced redundancy by approximately 15% and validated system behavior through the application of algorithms, unit testing, and debugging

EDUCATION

Midwest State University, Lincoln, Nebraska, USA

2026

Bachelor of Science in Computer Science

CERTIFICATIONS

AWS Certified Cloud Practitioner