Ethan M. Carter

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Skills

Programming Languages: Java, Python, C++
Web Development: HTML, CSS, JavaScript (ES6)
Frameworks/Technologies: Spring Boot, Flask, Docker, Kubernetes
Database Management: SQL, PostgreSQL
Version Control: Git, GitHub

Experience

Software Developer Intern, CodeWorks Inc., Summer 2023   June 2022 – Present
- Developed backend services using Java and Spring Boot
- Collaborated on database design and SQL query optimization
- Integrated REST APIs for web applications

Projects

Distributed Chat Application:
- Developed a real-time chat application using Java, WebSocket, and Spring Boot.
- Implemented a scalable server architecture supporting thousands of concurrent users.
- Integrated a NoSQL database (MongoDB) for persistent message storage.

Smart Scheduler:
- Built a web-based scheduling application using Python (Flask) and JavaScript.
- Utilized machine learning algorithms (scikit-learn) to predict optimal task timings.
- Designed a responsive user interface with HTML, CSS, and Bootstrap.

Portfolio Website:
- Created a responsive website to showcase projects and technical achievements.
- Developed using HTML, CSS, JavaScript, and integrated the GitHub API for live project feeds.

Education

School – MS in Computer Science at Northern Tech University   June 2022
School – BS in Computer Science at Northern Tech University   Apr 2020