

Richard Lechko

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Software Engineer with experience building full-stack web applications and backend services.

EDUCATION

DePaul University, Chicago, IL. Bachelor of Science in Information Technology

Sep 2022 – Jun 2026

RELEVANT COURSEWORK

- Server-Side Web Dev
- Interactive UI Development
- Web Dev Frameworks
- Data Structures & Algorithms

EXPERIENCE

Hendrickson | Woodridge, IL

Dec 2025 – Present

IT Intern

- Developed Python backend services and data pipelines supporting inventory forecasting and analytics workflows.
- Designed REST APIs and data ingestion pipelines that integrated operational data into enterprise ERP systems.
- Contributing to forecasting, analytics, and inventory optimization backend workflows.
- Collaborating with engineers and stakeholders on backend architecture and system improvements.

IT Intern

Nov 2024 – Aug 2025

- Gathered, processed, and reported data to determine operational metrics and KPIs.
- Created dashboards using PowerBI for business process owners and supported data validation within the ERP data hub.
- Supported data consolidation, cleansing, and harmonization efforts across enterprise systems.

Preferred Risk Administrators | Bedford Park, IL

Aug 2025 – Nov 2025

Full Stack Software Engineer Intern

- Developed web applications using React/Next.js frontend and .NET Core backend for insurance platforms.
- Implemented Datadog observability across the company's primary production application, improving visibility into application errors and service performance.
- Collaborated with cross-functional teams on microservices architecture and new feature development.

TECHNICAL SKILLS

- **Languages:** JavaScript/TypeScript, Python, Go, C#, SQL, and CSS/SCSS.
- **Frameworks & Libraries:** React, Next.js, .NET Core, Express.js, Flask, Astro, and Tailwind.
- **Tools & Infrastructure:** Git, Docker, AWS (EC2, S3, Route 53, Amplify), Caddy, PostgreSQL, MySQL, Datadog, and Figma.

PROJECTS

MMA Scheduler | *Go, Astro, SCSS, Supabase, TypeScript, and Docker*

July 2024 – Present

- Built automated data collection pipelines that aggregate and update MMA event and fighter information for end users.
- Designed and implemented a custom event calendar, fighter database, and search/filtering system for MMA event discovery.

Northern Trust Hackathon (3rd Place) | *React, Tailwind, Node.js, Express, Vercel, and Python*

Oct 2024 – Oct 2024

- As a group built a site with a currency converter, portfolio simulator, and exchange-rate predictor using an LSTM model.

ScarletHacks 2025 Hackathon | *Next.js, Supabase, Tailwind, Anthropic AI, and Node.js*

April 2025 – April 2025

- Designed and deployed a zero food waste marketplace connecting local vendors with consumers.
- Built the frontend interface and integrated Supabase for real-time database and authentication functionality.

COMMUNITY INVOLVEMENT

• President of **DePaul Web Development Club**

Jan 2025 – Jun 2026

• Research Member (Frontend Developer) of **DePaul Cloud Club**

Oct 2024 – Jun 2026

• Member of **DePaul User Experience Association**

Jan 2024 – Jun 2026

• Member of **DePaul Computer Science Society, DePaul Math Club, and DePaul Chess Club**

Sep 2022 – Jun 2026