

# Kolby Wallin

Carbondale, IL

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## PROFESSIONAL SUMMARY

Driven and innovative software engineer with a strong foundation in front-end and back-end development. Eager to contribute to impactful projects and collaborate with talented teams to build efficient, scalable, and user-focused solutions. Committed to leveraging my skills and leadership aspirations to grow into a senior engineering role that inspires and supports others.

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## EXPERIENCE

### State Farm

May 2021 -- Present

#### Software Engineer Intern

- Developed a winning hackathon project that could help save over \$30,000 per year.
- Designed and implemented front-end solutions with React.js, Vue.js, and Angular.
- Built back-end systems using Django, and AWS services such as AWS Lambda, and API Gateway.
- Deployed AWS infrastructure with Terraform and IaC principles.
- Participated in a number of agile frameworks including Scrum and Kanban.

### SIU Registrar

August 2023 -- May 2024

#### Clerical Worker

- Managed database with over 11,000 student files and transcripts, ensuring compliance with FERPA regulations.
  - Responded to student inquiries via phone, providing excellent customer service and resolving issues promptly.
  - Processed 200+ student records per week, managing extensive data entry workload.
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## EDUCATION

### Southern Illinois University - Carbondale

August 2021 -- May 2025

Bachelor of Science in Computer Science

**GPA:** 3.66 / 4.00

**Related Coursework:** Distributed Systems, Cloud Computing, Software Engineering, Learning From Data, Artificial Intelligence I

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## PROJECTS

July 2023

### Ecommerce Website

- Designed and Built a React.JS online store for women's beauty products.
- Stored the static webpage in an S3 bucket, and used Cloudfront as my CDN

May 2023

### Distributed Music Streamer

- Developed a Client/Server Java application using socket connections and a thread pool for parallel processing.
  - Utilized file upload to allow users to share and listen to their own music.
  - Designed a chat system through sockets to enable communication between users.
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## SKILLS

**Certification:** AWS Certified Cloud Practitioner

**Computer:** React.js, Vue.js, Angular, Git, Postman, AWS Services, Terraform

**Languages:** Java, Javascript, Python, C, SQL, HCL