Connor Hunter

315-694-6563 | connh321@gmail.com | linkedin.com/in/connor–hunter | github.com/connh321

Education

Rochester Institute of Technology   August 2019 - December 2023
Bachelor of Science in Computer Science   *Rochester, NY*
- **Relevant Coursework:** Data Structures and Algorithms, Principles of Data Management, Data Cleaning and Preparation, Database System Implementation

Experience

UPS   December 2023 – Present
Software Engineer I   *Remote*
- Led frontend development as the Angular SME, building responsive, scalable UIs focused on maintainability.
- Developed backend services and custom RESTful endpoints in Spring Boot, including cron jobs for automation and data management.
- Architected an Angular/Spring Boot app with decoupled UIs for microservice pod rollouts and Prometheus-based monitoring, featuring export functionality and rightsizing insights.

UPS   May 2022 – December 2023
Software Engineer Intern   *Remote*
- Architected a Python-based rightsizing project using OpenShift and Prometheus APIs to optimize CPU and memory resources.
- Collaborated with the DevOps team to resolve pipeline and production issues, improving service stability and performance.
- Automated SSL certificate setup with a Bash script for secure TLS certificate installation in production.
- Managed Jenkins CI/CD pipelines for smooth, efficient deployments.

Projects

Cloud Commerce | https://cloudcommercenetwork.com | *Next.js, React, TypeScript, AWS Amplify, SASS*
- Developed a serverless e-commerce platform using Next.js and AWS Amplify, optimizing for SEO with server-side rendering.
- Engineered a mobile-friendly UI with dynamic themes, product carousel, real-time search, and shopping cart features.
- Integrated AWS services (Cognito, S3, CloudFront, DynamoDB, Route 53, ACM) for secure authentication, storage, and content delivery.
- Implemented robust error handling and loading states using error and suspense boundaries.

Database System Implementation | *Java, B+ Tree, SQL*
- Engineered a robust SQL query processor supporting CRUD operations and various database operations.
- Architected an efficient metadata catalog system, optimizing query execution and maintaining data integrity across relational tables using B+ Tree indexing and data persistence through serialization.

Certifications

AWS Certified Solutions Architect – Associate   March 2025
Amazon Web Services

Technical Skills

Languages: Java, TypeScript, JavaScript, Python, SQL, NoSQL, HTML, CSS, SASS/SCSS
AWS Technologies: IAM, EC2, ECS, Lambda, Fargate, ECR, S3, EBS, RDS, DynamoDB, ElastiCache, API Gateway, VPC, Route 53, CloudFront, ELB, ASG, SQS, SNS, Kinesis, CloudWatch, CloudTrail, ACM, EventBridge, Athena, KMS
Technologies: React, Angular, Spring Boot, Redux, Next.js, Node, RDBMS, Jenkins, Azure DevOps, Git, Docker, PostgreSQL, Postman, Swagger, SonarQube, JFrog, Linux, JUnit, Mockito, Jest, AG Grid, Golden Layout
Concepts: Full-stack development, RESTful APIs, Microservices, CI/CD, Cloud Infrastructure, Automation, Unit Testing, Database Design, Data Normalization, OO Design, Agile Methodology, Serverless Architecture