

Firstname Lastname

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EXPERIENCE

Full-Stack Software Developer I

Dec 2023 - Present

Company A

City, State (Remote)

- Developed and implemented a highly requested new feature, enhancing user experience and streamlining workflows for mission-critical airline employees, expected to increase efficiency and user satisfaction
- Led cross-functional teams to develop CI/CD pipelines for new datacenters, playing a key role in a top-priority company objective to migrate datacenters, projected to save tens of millions of dollars annually
- Updated a batch processing service to adopt an event-driven architecture, improving processing efficiency and reducing latency, thereby enhancing overall system performance and responsiveness

Software Developer Intern

May 2023 - Dec. 2023

Company A

City, State (Remote)

- Migrated legacy software into efficient RESTful microservices for web applications using Java and Spring Boot, Oracle SQL, and Redis, achieving a significant reduction in loading times from minutes to just seconds
- Developed a service utilizing websockets that allows applications across the organization to publish and subscribe to real-time data events, improving consistency

Data Engineer Intern

May 2022 – April 2023

Company B

City, State

- Designed and implemented C# GUI application connected to a Microsoft SQL Server backend to automate data migration, significantly reducing process time from 5 hours to 30 minutes
- Developed a Python application to scrape, prepare and present data from online, publicly available government sources to provide leads to a regional market leadership team.
- Worked in a cross-functional team of both IT and business representatives to determine potential customers based on this data, which resulted in new customers and revenue streams

SOFTWARE DEVELOPMENT PROJECTS

University Startup Name | *JavaScript, Express, React, MySQL, HTML, CSS, Bootstrap*

- Led the agile application development team for x university startup x
- Designed and developed a minimum-viable-product web application that won awards in an entrepreneurship competition

eFinance | *Java, Spring Boot, Thymeleaf, MySQL, AWS*

- Directed a team of four fellow students in the design and development of a web application for the simulated financial services company ATZ Finance, which enhanced employee efficiency and customer accessibility.
- Utilized agile development practices to implement more desired features to gain an advantage over our competitors

Web Dev Tutoring Project | *JavaScript, React, Firebase*

- Initiated an educational project for students in Computer Science and IT, focusing on foundational web development skills
- Guided the team to develop a forum social media application, with plans to enhance and launch new features as the team's learning continues

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, HTML, CSS, C#, C, C++, Swift

Frameworks: Spring Boot, JUnit, Angular, React, Express, Django

Developer Tools: Git, GitHub, AWS RDS and EC2, Jenkins, Cloud Foundry, SQL DBMS, Firebase, MongoDB, Neo4j

RESEARCH

Synthetic Health Data with Digital Twins (will use actual paper name) | *Python, Pandas, Gensim, Scikit Learn*

- Co-authored research paper published in an IEEE journal, DOI: x. Researched medical test data generation with Health Digital Twins
- Cleaned data and helped researchers implement machine learning algorithms

Using Middleware and Digital Twin for Agriculture (will use actual paper name) | *Java, Neo4j*

- Co-authored research paper submitted to x Conference. Explored Digital Twins' usage in agriculture SCM
- Developed prototype mobile application to demonstrate potential use cases

EDUCATION

State University

City, State

Bachelor of Science in Information Technology: Application Development, Minor in Cybersecurity

Aug. 2020 – Dec. 2023

- GPA: 3.8, Honors Program and Dean's List
- Activities: President of Cybersecurity Club, Secretary of Business Club, Tutor, IT Help Desk Technician