

NOAH HALL

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Senior Software Engineer with expertise in **Java**, **C#**, and **.NET**, specializing in building scalable backend systems and migrating legacy platforms to **AWS** using **Lambda** and **EC2**. Experienced in developing **RESTful APIs** and optimizing cloud infrastructure for performance and cost efficiency. Skilled in **React** and other frontend technologies, ensuring smooth integration between backend services and user interfaces. Passionate about mentoring teams and following best practices for system architecture, security, and performance.

EDUCATION

Bachelor's Degree in Computer Science, Minor in Mathematics | Sam Houston State University
08/2014 – 05/2018

EXPERIENCE

Senior Software Engineer | NashTech | Palatine, IL
May 2023 – Present

- Migrated legacy systems to a cloud-native architecture using **Java** and **C#** for backend services, optimizing performance and scalability.
- Designed and implemented **microservices** on **AWS**, using **Lambda** and **EC2** to create serverless solutions that improved system efficiency and reduced operational costs.
- Collaborated with cross-functional teams to design REST APIs that facilitated seamless communication across multiple services, and implemented security best practices for data protection.
- Provided leadership and mentorship to junior developers, ensuring the team followed best practices for **cloud infrastructure** and code quality.

Software Developer | Agiliway | Austin, TX
March 2020 – April 2023

- Spearheaded the development of an enterprise-level **Java** application that integrated complex business workflows, enabling clients to automate key processes.
- Developed **RESTful APIs** with **Java** and **.NET Core** to streamline internal data exchange and enhanced external integrations for third-party services.
- Worked on improving the performance and reliability of the platform by implementing caching strategies and optimizing database queries with **PostgreSQL**.
- Actively contributed to the frontend by developing key features in **React**, improving the user experience by providing real-time data updates from the backend.

Software Engineer | Scalo | Austin, TX
June 2018 – February 2020

- Focused on building high-performance backend systems using **C#** and **.NET Core**, focusing on transaction management and real-time data processing.
- Led the integration of a new payment gateway system, utilizing **Java** and **Spring Boot** to handle secure financial transactions.

- Migrated monolithic applications to **AWS**, breaking them into microservices to improve deployment speed and scalability.
 - Developed interactive frontend features in **React**, ensuring a seamless experience across various platforms and devices.
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SKILLS

- **Backend:** Java, Spring Boot, C#, .NET, .NET Core, Kotlin, Rest APIs, Microservices
- **Frontend:** Angular, React, Next.js, .NET MAUI, Blazor
- **Cloud Platforms:** AWS, Azure, GCP
- **Databases:** SQL, PostgreSQL, T-SQL, MS-SQL, Oracle, MongoDB
- **Tools:** Git, MapBox, SignalR, Dapper
- **Testing:** xUnit, MSUnit, Jest, Chai, Jasmine