

Caleb Rider

Software Engineer

Richmond, Virginia

PROFESSIONAL EXPERIENCE

CarMax (React, Azure, C#, .NET)	Software Engineer II	05/2025 - Present
CarMax is the world's largest used vehicle retailer. I currently develop systems critical to vehicle supply operations.		
<ul style="list-style-type: none">Designed a feature-based React (Next.js) UI w/ Tailwind CSS, Server Actions/Components, & integrated w/ APIsDeveloped REST API CRUD endpoints in C# to improve vehicle assessment data managementTransformed & mapped legacy metadata across multiple systems to be used in modern architectureImplemented the addition of new vehicle assessment state propertyCollaborated across teams to filter synthetic vehicle purchase offers through high-traffic systemsMentored a new engineer, sharing improved documentation and insights acquired from own onboarding		
Capital One (Python, AWS)		
Software Engineer	03/2024 - 04/2025	
Capital One is a financial services company. I contributed to Cyber Identity and Access Management (IAM).		
<ul style="list-style-type: none">Wrote documentation for and developed multiple REST APIs using Python and AWS LambdaDeveloped a GraphQL API in Python and set up the Docker image/container to run it in ECS FargateWrote unit tests and end-to-end tests for APIsSet up logging and monitoring for AWS Lambda functionsSet up both SQL (RDS Aurora) and NoSQL (DynamoDB) database infrastructure for integration with APIsTested API performance using Apache JMeterPerformed and documented database failover/fallback testing		
Insurify (Python, AWS, C#, Azure)	Software Engineer	09/2022 - 01/2024
Insurify is a machine learning, AI-powered platform that simplifies comparing car insurance quotes.		
<ul style="list-style-type: none">Developed and implemented an API data translation service in the AWS Lambda serverless infrastructure. This service proxied communications for multi-cloud components located in both Microsoft Azure and Amazon Web Services. Tools employed: Python, AWS Lambda, API Gateway, test-driven development.Developed and maintained a UI for a business rules engine application. Tools employed: C#, Blazor, .NET MAUICo-developed Online Bind API which facilitates auto insurance payment transactions. Tools employed: C#, OOPAssisted in machine learning model maintenance and retraining. Tools employed: Python.		
Freelance (React, Next.js, Solidity)	Blockchain Developer	06/2021 - 08/2022
<ul style="list-style-type: none">Developed ERC721, ERC1155, and SBT Smart Contracts using Solidity.Built apps using React/Next.js with Ethers.js, Alchemy APIs, and Etherscan APIs for blockchain integration.		
Framatome (C#)	Software/Electrical Engineer & Internship	05/2018 - 05/2021
Framatome provides engineering and technology solutions for nuclear reactors around the world.		
<ul style="list-style-type: none">Used C# to develop a fuel assembly location plotter for nuclear reactors.Used Python to generate automated equipment data reports.Designed nuclear fuel transfer test equipment using various electrical components.Manually operated and tested nuclear fuel transfer systems and equipment.		

EDUCATION

Liberty University	Electrical Engineering (B.S.)	Class of 2020
GPA: 3.45 D1 Track & Field		

TECHNICAL SKILLS

Python | C# | .NET | TypeScript | React / Next.js | SQL | NoSQL | Redis | AWS | EC2 | Lambda | Fargate | Azure | Azure DevOps | Cosmos DB | Team Foundation Server | GitHub | Asana | Notion | OOP | TDD | Agile | CI/CD | IAC