

# Caleb Rider

## Software Engineer

Richmond, Virginia

### PROFESSIONAL EXPERIENCE

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

### EDUCATION

<b>Liberty University</b>	<b>Electrical Engineering (B.S.)</b>	<b>Class of 2020</b>
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