

# JOE HILL

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Senior Full-Stack Engineer with 7+ years of experience building and scaling production systems using TypeScript, React, and Node/NestJS. Proven track record of owning features end-to-end in fast-paced environments and delivering high-impact user experiences. Strong background in finance, system design, API development, and cloud infrastructure.

## TECHNICAL SKILLS

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**Languages:** TypeScript, JavaScript, SQL, C#, Shell Scripting

**Front End:** React, Next.js, Angular

**Backend:** Node.js, NestJS, Express, .NET Core

**Cloud and Devops:** AWS (S3, Lambda, ECS, CloudFront, RDS), Docker, Kubernetes, Terraform

**Database Management:** PostgreSQL, DynamoDB, SQL Server, Redis

## WORK HISTORY

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### ***Cars Commerce / Cars.com / CreditIQ***

*January 2023 - Present*

#### **Senior Software Engineer**

Remote

- > Built a dealer-facing portal from 0 to 1, enabling thousands of dealers to manage end-to-end sales workflows
- > Led the redevelopment of a complex hard credit lender integration used by thousands of dealers, improving reliability and efficiency
- > Owned features end-to-end in a highly ambiguous, fast-paced environment, delivering impact with minimal guidance
- > **Stack:** React/Redux, Node.js, PostgreSQL, AWS, TypeScript throughout

### ***Realogy***

*September 2022 - January 2023*

#### **Senior Lead Software Engineer**

Remote

- > Led system architecture decisions and code reviews for a multi-engineer team
- > Revamped CI/CD pipelines, increasing test coverage from <50% to ~90%
- > **Stack:** React, Next.js, Node.js, AWS, TypeScript throughout

### ***Vanguard Group***

*July 2020 - September 2022*

#### **Senior Full-Stack Application Engineer**

Charlotte, NC

- > Revamped the UI to a modern standard, heavily driven by client feedback and user testing, enhancing competitiveness and improving user engagement
- > Implemented a tax form visibility feature, reducing tax-related customer service calls by 50%, impacting millions of users
- > Collaborated cross-functionally to align product design and engineering efforts, delivering features that improved customer experience
- > **Stack:** Angular, NestJS, DynamoDB, AWS, TypeScript throughout

### ***Tallan***

*June 2018 - July 2020*

#### **Software Developer/Consultant**

New York, NY

- > **Abiomed:** Developed a remote patient monitoring system, enabling real-time data streaming from bedside medical devices
- > **Proskauer Rose LLP:** Built an internal financial data visualization platform, allowing attorneys to analyze private and public investment deals efficiently
- > **Internal:** Designed and implemented an accounts receivable application, automating data integration and improving client billing workflows
- > **Stack:** Angular, .NET Core, SQL Server, Azure

## EDUCATION

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### ***University of Connecticut***

*August 2014 - May 2018*

*B.S., in Computer Science and Engineering; Minor: Real Estate; GPA: 3.5/4.0*

Storrs, CT

## CERTIFICATIONS, SKILLS, AND INTERESTS

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- > **Certifications:** AWS Certified Developer - Associate DVA-C01 (April 2022)
- > **Skills:** Collaboration, Problem-Solving, System Design, Decision Making, Prioritization, Self-Sufficiency
- > **Interests:** Golf, Cooking, Learning Piano, Personal Finance, Reading, HomeLab, Console Gaming