

# NOAH WEINGAND

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## EDUCATION

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### Virginia Commonwealth University

*Bachelor of Science in Computer Science, Minor in Mathematics*

Aug 2016 – May 2021

*Richmond, VA*

## EXPERIENCE

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### Technical Team Lead

*CoStar Group*

January 2024 – Present

*Richmond, VA*

- Leading and mentoring a team of four engineers among three projects while facilitating agile ceremonies
- Scaling a customer payment portal to collect \$5M in 2024, previously \$1.5M in 2023
- Increased the organization's app build pipelines by 50 percent by migrating tooling to Rspack and Biome
- Architected external transactional email communication workflows with Kafka and Microsoft Graph
- Surfacing features by collaborating on user journeys with product, design, and stakeholder leads
- Participating in yearly college recruitment and interviewing for associate software engineers

### Software Engineer II

*CoStar Group*

August 2022 – January 2024

*Richmond, VA*

- Ensured tree shaking in two shared libraries which led to a 600 kB JS reduction served in 15 applications
- Implemented Webpack code splitting in client applications to provide a faster time-to-interact for users
- Automated onboarding to include 17,000 new users by scheduling a SQL job with a respective stored procedure
- Improved logging, tracing, and metrics in Datadog by writing shared, encapsulated utilities for common interfaces
- Designed and delivered a React Native mobile point-of-sale solution generating \$9M in 2024

### Associate Software Engineer

*CoStar Group*

June 2021 – April 2022

*Richmond, VA*

- Delivered features for a case management application increasing customer support response time by 40 percent
- Owned eight micro-frontends in React and Node over a distributed architecture for supplying financial data
- Integrated Stripe into a customer portal to accept card and bank payments, generating over \$1M in revenue
- Maintained an in-house React component library prioritizing composition and accessibility
- Wrote end-to-end tests in Cypress and Typescript to detect regressions in pipelines

### Associate Developer

*Tahzoo*

Jan 2020 – June 2021

*Richmond, VA*

- Wrote a Node microservice that locates hardware resellers utilizing Google Maps API and DynamoDB
- Performed a proof-of-concept for migrating two AWS RDS instances using Python to generate MSSQL replication
- Led interns in learning technologies such as .NET, React, and SDL Tridion CMS

## ORGANIZATIONS

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### Computer Science Advisory Board Member

*Chesapeake Public Schools*

Dec. 2020 – Present

*Chesapeake, VA*

- Established a partnership between VCU and CPS to provide summer school students with a browser application to code hip-hop beats via Python

## TECHNICAL SKILLS

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**Languages:** JavaScript, TypeScript, C#, Java, Python, C

**Frameworks:** React, Express, Next, Remix, .NET

**Databases:** SQL, NoSQL, PostgreSQL, MSSQL, Redis, MongoDB

**Testing:** Jest, Cypress, Playwright

**AWS Ecosystem:** S3, Dynamo, Lambda, API Gateway, EC2, RDS, Route53, CloudFront

**General:** Git, HTML5, CSS3, Tailwind, Webpack, Rspack, GraphQL, Kafka, Docker