

Ayush Ganesan Ramkumar

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SKILLS

LANGUAGES AND FRAMEWORKS: TypeScript/JavaScript, Node.js, SQL, React, Python, Go

DATABASES AND PLATFORMS: PostgreSQL, AWS, Docker/Kubernetes, Terraform, Airflow, Elasticsearch

EXPERIENCE

Compass

Senior Software Engineer

Sept. 2021 - Present

- Technical Lead of Market Reports, providing key analytics on real estate data to agents and clients.
- Drove large scale backend re architecture, reducing p95 latency by 80%.
- Worked on company wide improvements to core Node.js platform.
- Drove team cost optimization efforts, leading to a 80% reduction in AWS costs for the team's applications.
- Worked as a key stakeholder on cross-team integrations, guiding product decisions with a technical view.
- Drove improvements in product analytics, enabling new use analytical cases and improving organization.
- Reduced application bundle sizes by 70%, reducing application deploy time and page load latency.
- Gave presentations about Kubernetes, PostgreSQL, and AWS services to mentor engineers.
- Automated team processes to enable release notes, greater observability, and an improved on-call experience.

Remine

Senior Software Engineer

Nov. 2020 - Sept. 2021

- Technical Lead of Listing Input, coordinating a fully remote team of both onshore and offshore engineers.
- Built and tuned high-throughput APIs in Node.js, enabling external client access to varied datasets with millions of rows.
- Sped up application pages through SQL query optimization, reducing p95 latency by over 70%.
- Made large-scale improvements to automated testing and CI/CD company-wide.
- Built shared React components used across the company, reducing code duplication and ensuring design consistency.
- Completed an AWS migration using Terraform, reducing complexity and client onboarding time.
- Implemented and deployed Kafka consumers, enabling low latency data synchronization for clients.
- Designed and implemented a centralized metadata management system, reducing customer onboarding time from 3 months to 1 month.
- Implemented a Domain Specific Language to empower non-technical customers to manage data.

Software Engineer

Mar. 2018 - Nov. 2020

- Architected, built, and owned data pipeline used for all company reporting, using PostgreSQL, Airflow, and AWS Redshift.
- Built React applications to reduce client onboarding time, working closely with Product and Design.
- Built CLI tooling and integrations to enable customer support to scale efficiently.
- Maintained integrations to automate coordination across product and engineering using Git and CI/CD.

EDUCATION

Virginia Tech

2015 - 2019

Bachelor of Science in Computer Science