

Jeffrey Barron

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I have 3 years experience successfully leading multiple remote full-stack teams and 10 years experience as a software engineer. I've consistently delivered results using React, NextJS, Python, Node, Angular, and other technologies. I'm ready to use my agile management skills to empower teams to deliver consistent results.

- ✓ Increased team productivity by 50% through non-blocking agile development processes
- ✓ Led 3 engineering squads to reduce time-to-delivery on a system re-architecture project
- ✓ Slashed development time by 25% by driving adoption of AI-assisted development with Cursor and Claude Code

WORK EXPERIENCE

jeffreybarron.dev

05/2023 - Present

I'm a hands-on engineering leader specializing in boosting the productivity of engineering teams through the successful transition to AI-powered workflows.

Software Engineering Consultant

- Cut development timelines by 25% through successful team adoption of AI-assisted coding on NextJS projects.
- Improved user engagement by 15% by building an AI powered study path with Azure ML and Typescript.
- Decreased build time by 15% with a Docker based Python API and a robust TypeScript UI.

Routable (YC '17)

03/2022 - 05/2023

Routable is a SaaS fintech platform focused on the Accounts Payable market that automates approvals, and schedules domestic and cross-border payments.

Engineering Manager

- Grew a team of 6-8 engineers responsible for invoice features on a fintech SaaS platform: invoice generation, payment creation, and workflow automation with Django and React.
- Boosted team velocity by 50% by implementing non-blocking processes: code contracts and stubs, low-fidelity prototypes, reduced friction during merges, and just-in-time task creation.
- Spearheaded development and rollout of optical character recognition (OCR) for invoice recording, resulting in an average time savings of 60%
- Planned and executed a strategic re-architecture of core data models and systems, coordinating efforts across 3 squads in collaboration with Tech Leads and Product & Design partners.
- Oversaw Scrum ceremonies for 2 teams—stand-ups, backlog grooming, sprint review, and retrospectives.

CourseKey

07/2021 - 03/2022

CourseKey builds tools focused on supporting skill and trade schools, including tracking attendance, measuring course progress, and measuring at-risk students.

Engineering Manager

- Directed 4 cross-functional engineering teams comprising a total of 13 engineers building an edtech SaaS product using Node and React.
- Boosted feature delivery by 20% with scalable agile processes, improving velocity, consistency, and quality.
- Enhanced project completion by 15% with quarterly roadmapping and prioritization alongside Product, Design, and stakeholders.
- Shipped a Risk Score and Student Retention Dashboard features reducing at-risk student loss by 10%.

Holmes Corporation**01/2020 - 07/2021**

Holmes Corp partners with certification organizations like SHRM to build online learning and test-taking tools, including generating certificates and reporting progress.

Full-Stack Software Engineer

- Enhanced feature delivery by 25%, coding solutions for an education SaaS platform written in Python and Typescript.
- Reduced tech debt burden by 30% by migrating 15 applications to Docker and increasing consistency across environments.

vinSUITE**04/2018 - 01/2020**

vinSUITE offers an e-commerce platform used by wineries to facilitate wine sales. The platform includes website plugins, back-office admin tools, and a point-of-sale app for in-person sales.

Lead Software Engineer

- Led, measured, and monitored daily operations of 5 developer remote team.
- Released 9 high quality projects on deadline with a defect rate lower than 5%.
- Replaced 100% of custom encryption code with PCI-compliant upgrades leveraging AWS KMS.

RealTruck**06/2016 - 12/2017**

RealTruck sells aftermarket car and truck accessories online, including drop-shipping and inventory management.

Software Engineering Manager

- Led 5 developers to 60% decrease in completion time by proactively clearing roadblocks.
- Created and implemented agile processes that shrunk development time by 50%.
- Managed cross-functional development on 20 high-priority initiatives.
- Improved individual goal completion by 20% by setting personal growth targets and increasing developer skills.
- Oversaw second remote team of 7 engineers as Scrum Master / Technical Project Manager.

Granbury Solutions**02/2015 - 05/2016****Senior Application Developer**

- Led end-to-end project management and technical scoping for 10 mission-critical development initiatives.
- Modernized infrastructure workflow through Ansible automation and Git adoption, cutting development overhead by 20%.
- Architected reusable framework for e-commerce SaaS platform, enabling faster feature rollout across engineering teams.

North Dakota University System**01/2013 - 02/2015****Lead/Senior Web Applications Developer**

- Managed team of 3 developers, instituting code reviews, performance goal-setting, and efficient deployment processes for faster release cycles.
- Streamlined development operations by implementing VM-based local environments and migrating to Git.
- Delivered critical projects across multiple technology stacks (PHP, ColdFusion, JavaScript) through improved scoping and technical execution.

SKILLS**Frontend:** React, NextJS, Typescript**Backend:** Python, Node, PHP, Coldfusion, MySQL, Postgres, MSSQL, Ansible**Project Management:** Agile, Scrum, Kanban