
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 grow and empower engineering 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-fi 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 source control 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