# Joshua Bigham

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## Skills

### Core Product Management Skills

Product Strategy, Roadmap Development, OKRs & KPI Tracking, Customer Discovery, Agile & SAFe, Experimentation & A/B Testing, Internal Tooling, Stakeholder Alignment, Platform Thinking, GTM Strategy, Team Leadership, Product Lifecycle Management

### Technical Skills

Javascript (React, Node.js), Python, AWS (EC2, S3, Lambda, Rekognition), Docker, Kubernetes, Git, GitHub, GitLab, SQL, NoSQL (MongoDB), Airflow

### Product Tools

Atlassian Suite (JIRA, Confluence), Google Analytics, Figma

## Education

### University of South Florida

Mechanical Engineering
Bachelors of Science
**2009-2014**

## Projects

### Laser Projection System

(US-11988889-B2, US20210149144-A1): Co-inventor of patented laser projection system for real-time construction layout verification — automating QA workflows on large-scale job sites.

## Certifications

### Certified Scrum Product Owner

Scrum Alliance
**2022**

### Google Project Management Certificate

Google
**2021**

### Google Data Analytics Certificate

Google
**2021**

### AWS Fundamentals

Amazon Web Services (AWS)
**2021**

## Summary

**Senior Product Leader** with 10+ years delivering scalable internal platforms, developer tools, and analytics infrastructure. Proven success leading cross-functional teams and mentoring PMs, with impact across AEC, lidar, and retail. Deep experience in platform strategy, product lifecycle management, and driving operational efficiency at scale. Passionate about building tools that accelerate teams, automate workflows, and unlock data-driven decisions.

## Experience

### Lowe's Companies

Senior Product Manager
Charlotte, NC
**May 2024 - Present**

- Define and execute roadmap for internal platform products enabling ETL automation, clickstream analytics, and QA test automation. Leading a portfolio of internal tools serving engineering, QA, and analytics teams, aligning delivery with broader organizational OKRs.
- Drove ~$4M in annual savings by replacing third-party tools with custom internal solutions.
- Mentoring 2 direct PMs and engineers, aligning tactical delivery with long-term platform strategy and contributing to community of practice through workshops on product tooling to 50 junior PMs.
- Evangelize platform usage across org, increasing adoption from one store to 800+ stores in under 3 months.

### Virtual Technology Simplified (Acquired by Ceinsys Geospatial)

Product Manager / Lead Developer
Carthage, NC
**Feb 2022 – May 2024**

- Built and scaled a 3D capture platform (React, Node.js, AWS) from 0 → 1, supporting daily ops on thousands of job sites.
- Owned end-to-end product development: discovery, design, delivery, and rollout.
- Reduced on-site time by 80% via field-data automation, directly driving acquisition by Ceinsys.
- Collaborated with engineering, sales, and ops to ensure adoption and ROI realization.

### FARO Technologies

Product Manager
Carthage, NC
**Jun 2018 – Feb 2022**

- Launched cloud collaboration and 3D inspection tools for construction and manufacturing use cases.
- Delivered 120% QoQ revenue growth by prioritizing high-value workflows via user interviews and journey mapping.
- Partnered with sales and customer success to improve onboarding and retention.

### FARO Technologies

Sr. Field Application Engineer
**Jun 2015 - Jun 2018**

- Provided technical guidance and training to AEC customers globally.
- Created learning plans, custom training material, and captured voice of customer to inform product direction.
- Supported sales via demos, tradeshows, and technical trials.