

Deep Datta

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Summary: Seasoned Product Leader with 15 years of proven expertise in driving actionable product strategies and optimization. Expert at leveraging analytics to translate complex business insights into user-centered outcomes, developing quantitative go-to-market strategies that drive platform adoption. More than a decade of experience managing cross-functional teams, implementing complex operational initiatives, and aligning diverse stakeholder priorities to scale GTM and product delivery across global markets.

PROFESSIONAL EXPERIENCE

JuliaHub Inc., Julia Programming Product Director, Platform Operations	Cambridge, Massachusetts (Remote) Aug 2022 - Aug 2025
<ul style="list-style-type: none">0→1 Product Initiatives & Data-Driven Optimization: Led comprehensive analytical evaluation and end-to-end product development of Julia-based scientific computing platform to provide workflows for compliance-heavy research teams at pharmaceutical drug discovery, aerospace, U.S. government, and lithography companies to drive \$4M+ in ARR.Stakeholder Alignment and Product Launch: Led global launches of 14 platform features, collaborating with engineering, design, legal, compliance, and business teams to ensure seamless rollouts across diverse industry verticals.Process Analytics & Cross-functional Leadership: Applied data science methodologies to product release lifecycle analysis, implementing statistical process control and efficiency measurement systems that reduced time-to-market by 25% while building executive-level analytics dashboards tracking 20+ KPIs across engineering, UX, technical writing, and product marketing functions.	
JFrog Artifactory Senior Product Manager, OSS Operations & Partnerships	Sunnyvale, California (Hybrid) Aug 2019 - Aug 2022
<ul style="list-style-type: none">Ecosystem Integrations: Built and executed analytical models that identified growth opportunities leading to \$400K MRR increase through strategic integrations; utilized multivariate testing, conversion funnel analysis, and customer lifetime value modeling to optimize partnership ROI across Slack, MSTeams, PagerDuty, and ServiceNow integrations.Partnership Analytics & Optimization: Developed quantitative frameworks for partnership evaluation, including ROI modeling, success metric forecasting, and performance attribution analysis; utilized regression analysis to identify key drivers of integration success and optimize operational resource allocation.Community Analytics & Data-Driven GTM: Achieved 10x open source developer community growth and led analytical frameworks for package management tool launches serving 100K+ developers globally. Used sophisticated approaches including cohort analysis, viral coefficient modeling, engagement scoring algorithms, predictive churn analysis, adoption rate tracking, user journey analysis, and performance benchmarking to optimize systematic engagement programs and drive global impact.	

Indeed

Founding Program Manager, Open Source Program Office (OSPO)

San Francisco, California | Jun 2018 - Aug 2019

- Analytical Program Operations:** Pioneered and operationalized Indeed's first Open Source Program Office using data-driven methodologies; conducted comprehensive analysis of developer contribution patterns, project impact assessment, and resource allocation optimization to define strategic direction.
- Quantitative Process & Governance Design:** Developed comprehensive operational frameworks for compliance and governance measurement, implementing statistical quality control processes and performance dashboards that provided real-time insights into code review effectiveness and program ROI, ensuring alignment across legal, engineering, and business teams.
- Strategic Initiative Management:** Led implementation of a \$10,000 FOSS Contributor Fund, managing end-to-end operations including community voting, vendor management, and stakeholder communications to optimize funding allocation for open source.

SKILLS

Product Operations & Analytics: SQL, Python, R, Statistical Analysis, Predictive Modeling, Data Visualization (Tableau), A/B Testing & Experimentation, Cohort Analysis, Funnel Optimization, JIRA, Product Metrics Tracking, Business Intelligence, Quantitative Research, Go-to-Market Analytics, Global Product Rollouts, Cross-functional Project Management, Stakeholder Alignment

Technical Operations: JavaScript, HTML/CSS, DevOps Workflows, GitHub, Scrum, Process Design, Operating Model Development, Product Launch Management, Feature Prioritization, Bug Triage & Management

NOTABLE ACHIEVEMENTS

The Fastest 0→1 Scientific Computing Platform: Led end-to-end development of Julia-based ML platform serving workflows for pharmaceutical drug discovery, aerospace, and lithography companies. Designed Dyad simulation product front-end.

Enterprise Platform Growth (Dev-Ops): Built package repositories achieving 10x growth and \$400K+ MRR through strategic integrations.

Benetech Labs: Spearheaded the Code Alliance Initiative, successfully driving over 2,000 hours of contributions to open source projects that led to over 50 social impact software integrations through strategic partnerships with leading tech companies such as Google, Western Digital, Optimizely, and Microsoft. Led product R&D, orchestrated live hackathons and virtual coding events that engaged hundreds of engineers.

U.C. Berkeley Skydeck - Founder of Early-Stage Startup: Built a mobile app to help underserved communities automate their finances.

UNIVERSITY EDUCATION	CERTIFICATIONS
University of Southern California M.A., Global Media & Communications (dual degree program)	2010
London School of Economics M.Sc., Global Media & Communications (dual degree program)	2009
Cal State University, Fullerton B.A., Media Studies, Minor in Radio/TV/Film	2008
	Machine Learning Foundations for PMs: Duke University Product Management for Artificial Intelligence: Stanford CS Data Science and Big Data Analytics: MITx Full Stack Software Development: UT-Austin, McCombs