

Tech Lead with 6+ years’ experience building and scaling high-impact products across **TypeScript, React, Node.js** and **AWS**. I specialise in leading engineering teams in fast-moving environments by owning architecture, enabling strong delivery, and raising engineering standards.

I’ve led cross-functional teams of 10+ in startup-like product squads, delivered multi-million-pound impact projects (including a **£350k annual cost reduction**), and improved developer velocity through CI/CD modernisation. My leadership focus centers on autonomy, documentation excellence, and helping engineers level up, resulting in multiple promotions and recognition through Dunelm’s **2024 Mentorship Award**.

I’m now looking for a startup or scale-up Tech Lead role where I can drive architecture, mentor engineers, and accelerate product delivery in a high-ownership environment.

SKILLS

Leadership	Technical strategy, mentoring & coaching, recruitment, cross-functional collaboration, documentation culture
Frontend	TypeScript, React, Next.js, React Native
Backend	Node.js, Express, GraphQL, AWS Lambda, API Gateway, CDK, CloudFormation
Databases	DynamoDB, MongoDB, PostgreSQL, SQS, Event Driven Architecture
DevOps & Tooling	GitLab CI/CD, Docker, Fastly Compute@Edge, Infrastructure-as-Code

TECHNICAL EXPERIENCE

Dunelm	London
Tech Lead	May 2024 — Present
- Lead a cross-functional squad of 12 (6 engineers, QA, SDET, PM, Agile Lead, BA, UX), building a high-ownership culture. Delivered two promotions and increased team velocity by 20%. - Architected full redesign of the Content Delivery Application, replacing Algolia with Fastly Compute@Edge + DynamoDB. Achieved £350k annual savings, 35ms latency, 0.0001% error rate and 75M monthly requests. - Rebuilt Dunelm’s Basket system as a multi-tenant GraphQL API, shifting major frontend logic server-side and reducing API calls by 50%+ while enabling unified usage across web and mobile. - Co-led the Pipeline Guild to meet CTO objectives: 90%+ success rate, sub-15-min pipelines, tech-debt cleanup and improved security. Cut deployment time from 60+ minutes to 18 and increased deploy frequency by 50%. - Drove engineering excellence via Backstage documentation, AWS cost-visibility dashboards, and major CI/CD optimisation (reduced pipeline runtime from 40 to 13 minutes). - Awarded 2024 Mentorship Award for impactful coaching and team development; onboarded 3 engineers and mentored 6 with structured learning plans across AWS, React, TypeScript, testing and system design.	
Software Engineer	Oct 2021 — May 2024
- Delivered new event-driven credit solution using AWS CDK, CloudFormation and secure data patterns for GDPR-compliant financial data handling. - Key contributor to GitLab pipeline optimisation: reduced failure rate by 7.5% and cut build time from 25.5 to 15.9 minutes. - Mentored junior engineers across CDK, React, testing practices and core engineering fundamentals.	
Valytica	Remote
Full-Stack Developer	Sep 2020 — Oct 2021
- Built core client products using React, Node.js, Postgres and GraphQL with robust integration test coverage. - Transformed an internal Data Quality tool into a customer-ready product with major UI/UX improvements.	
Inflecto Media	London
Senior Technical Operations Executive	Sep 2019 — Sep 2020
- Developed a full-stack insights platform (AWS EC2, Athena, S3, QuickSight) that replaced manual reporting across teams. - Led fraud-detection initiative using Python (Pandas, Matplotlib), saving thousands in advertising spend.	
Technical Operations Executive	Dec 2018 — Sep 2019
- Built fraud detection scripts and processes, reducing exposure to fraudulent ad traffic. - Delivered team-wide technical training and supervised data analysts.	

EDUCATION

MSci Theoretical Physics (First Class), Royal Holloway, University of London	Sep 2014 — Jun 2018
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ACTIVITIES

Certifications: AWS Cloud Practitioner, Certified Agile Leader (SAFe)

Technical Writing: Published on Dunelm Technology blog (CI/CD optimisation, AWS certification)

Interests: Powerlifting (actively competing), technical mentoring, cloud architecture