

Anand Bhaskaran

Senior Software Engineer (Technical Lead - Innovation Labs)

About



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in anandb3

🔗 anandbhaskaran

anand-creations

System Design

Microservices

Java

TypeScript

Python

Vue.js

API Development

Kafka

ClickHouse

AWS (API GW, DynamoDB, S3, SNS)

Kubernetes

Terraform

CI/CD

Summary

Lead Full Stack Engineer with 10+ years building user-centric, scalable SaaS platforms and resilient distributed systems. Skilled in modern tech stacks, scalable architecture, driving innovation and fostering collaboration to deliver high-impact solutions. Passionate about mentoring, maintaining high coding standards, and delivering business value.

Experience

Senior Software Engineer (Technical Lead - Innovation Labs)

Led high-impact product and platform initiatives powering communications at scale. Owned architecture and execution across distributed systems, AI/ML integrations, and developer productivity.

- Implemented an Employee Referral System with 99.99% SLA, driving ~\$500K annual revenue
- Designed and developed high-scale distributed systems for a templating engine; optimized search and data pipelines for 10M+ users
- Built production-grade GenAI systems (product translations, hyper-personalized demos) to improve scalability, sales efficiency, and user engagement
- Executed engineering roadmaps and architecture best practices in partnership with product, design, and sales
- Led L1/L2 on-call rotations; improved reliability and reduced MTTR for mission-critical services
- Improved CI/CD pipelines and reduced tech debt to accelerate deployments
- Mentored senior engineers; led design reviews and drove technical excellence

Fractional CTO

Hands-on lead for software architecture, engineering strategy, and implementation for startup initiatives.

Technical Advisor

Advised on scaling algorithmic trading systems with a focus on performance, reliability, and operational efficiency for HFT.

Startup Mentor

Technology Evaluation Member, mentoring startups on scalable architecture and product engineering.

Technical Program Manager

Defined and executed multi-year engineering roadmaps aligned with a long-term product vision.

Software Engineer

Founding Software Engineer for Dronistics spin-off and contributor to AI-driven robotics platforms; supported research and mentored students.

- Architected and developed a drone delivery system (Dronistics) with 500+ deliveries in collaboration with major corporations
- Developed and maintained RoboGen, an AI-based robotic evolution platform; featured in a blog post and awarded AWS cloud credits
- Led modular drone system development for the Swiss Army
- Supervised 20+ master's students at EPFL in robotics and AI research

Open Source Projects

Employee Referral System

High-availability referral platform meeting 99.99% SLA and generating significant annual revenue.

- ~\$500K annual revenue impact
- Owns end-to-end design, implementation, and iteration

High-scale Templating Engine

Distributed templating platform bridging use-cases and solutions with optimized search & data pipelines.

- Supports 10M+ users

GenAI Platform: Translations & Hyper-personalized Demos

Production-grade Generative AI systems to improve global scalability, sales efficiency and user engagement.

- Shipped multiple GenAI features into production

Dronistics – Drone Delivery System

End-to-end drone delivery platform deployed with industry partners.

- Completed 500+ deliveries

RoboGen – Robotic Evolution Platform

AI-based platform for robotic evolution, used in research and education.

- Featured write-up and AWS credits awarded

Modular Drone System

Modular drone architecture developed for the Swiss Army.

Education

Quantic School of Business and Technology

MBA Business Administration

01/2019 - 01/2020

EIT Digital

Master (programme) Innovation & Entrepreneurship

01/2014 - 01/2016

Eindhoven University of Technology (TU/e)

MSc (Netherlands) Embedded Networking

01/2015 - 01/2016

KTH Royal Institute of Technology

MSc (Sweden) Embedded Systems

01/2014 - 01/2015

Amrita Vishwa Vidyapeetham

Bachelor of Engineering Electronics and Communication

01/2010 - 01/2014

Publications

Designing robots through artificial evolution

AWS Public Sector Blog

The Blueprint for Building High-Impact Teams

Medium

Visualizing AI Embeddings with Heatmap

TowardsDev

High-Performance, Scalable URL Shortener

Medium / Terraform Registry