

Anand Bhaskaran









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



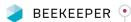
Full-stack: System Design Microservices Java TypeScript Python Vue.js API Development Scalable Systems Clickhouse Kafka

DevOps & Al: CI/CD Cloud-Native Terraform Monitoring Grafana Kubernetes AWS (API GW, DynamoDB, S3, SNS, ...)

Interests: Clean code/architecture (TDD) Automation Large-scale Systems Generative Al Scikit RAG Pipelines Al Agents

Leadership: Technical Strategy Focused Curiosity Mentoring Senior Engineers Cross-functional Collaboration Stakeholder alignment





Senior Software Engineer (Technical Lead - Innovation Labs)

- ~**5** years Hi
- High-Impact Product Development: Implemented an Employee Referral System (99.99% SLA), leveraging agile for rapid iteration, customer focus, and driving ~\$500K annual revenue.
 - Architecture & Scalability: Designed and develloped high-scale distributed systems for templating engine to bridge usecases and solutions, optimized search & data pipelines for 10M+ users.
 - Generative AI & ML Systems: Built multiple production-grade GenAl solutions, including product translations and hyper-personalized demos, boosting global scalability, sales efficiency, and user engagement.
 - Technical Strategy & Collaboration: Executed engineering roadmaps, architecture best practices and tech adoption, partnering with product, design, and sales to align execution and deliver high-impact solutions.
 - Incident Management & Reliability: Led L1 and L2 on-call rotations, managing global incidents, ensuring rapid resolution, and reducing MTTR for mission-critical services.
 - Developer Productivity & Automation: Improved CI/CD pipelines, reduced tech debt, and accelerated deployments, improving engineering efficiency across teams.
 - Technical Leadership & Mentorship: Led and mentored high-performing teams, fostering engineering growth, leading design reviews, and driving technical excellence.



Startup Mentor / Fractional CTO

- Upgrid AG (Fractional CTO): Hands-on lead for software architecture, engineering strategy and implemenation.
- Opt Alpha (Tech Advisor): Mentoring engineering teams on scaling algorithmic trading systems, optimizing performance, reliability, and operational efficiency for high-frequency trading.
- Tenity (Startup mentor): Technology Evaluation Member, mentoring startups on scalable architecture, technical strategy, and innovation in product engineering.
- Obermatt (Technical PM): Defined and executed multi-year engineering roadmaps, aligning short-term initiatives with long-term vision to deliver scalable, high-impact solutions.



Software Engineer - Laboratory of Intelligent Systems

- Spin-Off Innovation: As Founding Software Engineer for Dronistics, architected and developed a drone delivery system, completing 500+ deliveries in collaboration with major corporations.
- Al-Driven Platform: Developed and maintained the <u>Robogen Platform</u>, an Al-based robotic evolution platform featured in an <u>exclusive blog post</u> and awarded AWS cloud credits for research.
- · Advanced Robotics Development: Led the development of a modular drone system for Swiss Army.
- Mentorship & Research Support: Supervised 20+ master's students at EPFL in robotics and AI research.





High-Performance, Scalable URL Shortener Medium, Teraform Registry

Designing robots through artificial evolution AWS Public Sector Blog

Visualizing AI Embeddings with Heatmap TowardsDev

The Blueprint for Building High-Impact Teams



From Infinite posibilites to finite Results Al for the rest of Us, UK

Al and creativity
Front Conference

Microfrontends: Revolutionising Frontend Architecture
Developer Week 2023. USA

From Idea to Product Dev Innovation Summit 2022, USA

OTHER COURSES & ACTIVITIES





University of Toronto Software development



*Udacity*Artificial Intelligence







EDUCATION



Quantic 2019-2020

Master of Business Administration

Finance, economics, statistics, leadership, strategy, entrepreneurship & business innovation.

SCORE 93.2%



EIT-Digital 2014-2016

Innovation & Entrepreneurship

Technical aspects of business, Business Model Canvas, Cash Flow Analysis, Entrepreneurship and working experience with Startups.

TU/e

TU/e 2015-2016

Masters - Embedded Networking (Netherlands) Network Embedded Systems, IoT, Cloud Computing

Embedded Software, Compilers and Computer Architecture

ds) **CGPA 8.01/10**



KTH 2014-2015

Masters - Embedded Systems (Sweden)

CGPA 9.10/10



Amrita 2010-2014

Bachelor - Electronics and Communication

CGPA 8.18/10











