

# Akhil Bhalerao

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## SKILLS SUMMARY

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- **Languages:** Python, C++, JavaScript, SQL, Bash, HTML
- **Frameworks:** Django, FastAPI, Flask, React, Airflow, ExpressJs, NodeJS
- **AI / LLM:** LangChain, RAG, MCP, ADK, Agentic AI, Scikit-learn
- **Infrastructure:** Docker, Kubernetes, Kafka, Celery, Nginx, PostgreSQL, MySQL, GIT, Postman
- **Cloud:** AWS, GCP, Linux

## EXPERIENCE

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- **6sense** Bengaluru, India  
*SDE II - (Full-time)* Jun 2025 - Present
  - **Architected a full-stack DNC (Do Not Call) compliance module** (projected \$10M impact); designed LLD to integrate international DNC data and surface real-time eligibility to users globally.
  - **Owned end-to-end LLD and integration of an AI Email Writer**, engineering a strategic connection with the existing Sales Intelligence credit system to optimize resource allocation and drive product adoption.
- **Bright Money** Bengaluru, India  
*SDE - (Full-time)* Aug 2023 - May 2025
  - **Architected and led the end-to-end integration of a new banking partner (Continental)**; designed HLD/LLD and implemented core services for seamless partner onboarding and banking operations.
  - Managed & optimized **22+ microservices**, including KYC and credit underwriting, increasing **15% user conversion**.
  - Built daily refresh pipeline for **500K users** and **1M+ accounts** at **99.99% uptime**, boosting collection rates 15-20% and directly impacting revenue.
  - Shipped automated delinking flow that reduced operational costs by **\$33,000/month** by removing stale users from aggregators and credit bureaus.
- **Bright Money** Bengaluru, India  
*Backend Developer (Internship)* Feb 2023 - Jul 2023
  - Developed backend features for financial data aggregation, including credit report pulling and account linking via external financial aggregators.
  - Built monitoring alerts and optimized query logic, **reducing API latency by 20%** and **database reads by 50%**.
- **Flippy Finance** Bengaluru, India  
*Backend Developer (Internship)* Mar 2022 - Jan 2023
  - Optimized APIs, reducing response time from **500ms to 50ms**, boosting system performance & user experience.
  - Developed a distributed notification microservice with **99.9% uptime**, handling **1M notifications** using Kafka and SNS.
- **DISECTO** Remote  
*Backend Developer (Internship)* Oct 2021 - Feb 2022
  - Developed an insurance CRM using Django and Exotel APIs, improving operational efficiency by **30%** and lead conversion by **15%**.

## PROJECTS

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- **RAG ChatBot (LangChain, ChromaDB):** Built a Retrieval-Augmented Generation system with semantic search and text-chunking to ground LLM responses, reducing hallucinations for domain-specific queries.
- **eShare (Node.js, Express, React, MongoDB, SMTP):** File-sharing service with 24-hour expiring download links, email delivery, and automated cron cleanup. 8 GitHub stars.
- **Twipture (JavaScript, Express, React, Twitter API):** Tweet-to-image converter for Instagram and LinkedIn. Trended on Twitter on launch day — zero marketing spend.

## AWARDS AND RECOGNITION

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- **MLH Fellow** — Major League Hacking, Class of 2021
- **Impact Maestro & 3x Sprint Star Award:** Recognized at Bright Money for exceptional project ownership and consistent high performance across development cycles.
- Winner of Barclays Tech Innovation Challenge - Oct 2019
- Runner's Up, Entrepreneurship Challenge 2020 by EDC I2IT Pune - Sept 2020

## LEADERSHIP

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- **Chair, ACM I2IT Pune:** Organized 15+ workshops and competitions, engaging **200+ students** in technical learning.
- **Co-Lead, GDSC I2IT Pune:** Led tech talks on cloud, Git, and web development, upskilling **150+ attendees**.

## EDUCATION

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- **International Institute of Information Technology, Pune** Pune, India  
*Bachelor of Engineering - Information Technology; CGPA: 9.22* Aug 2019 - Jul 2023