

Pranav Salunkhe

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EDUCATION

National Institute of Technology, Karnataka | **8.13 CGPA**

Bachelor of Technology in Information Technology

Surathkal, Karnataka

Dec. 2021 – May 2025

EXPERIENCE

Verint

Jun 2025 – Present

Software Development Engineer – MachEye (acquired startup team)

Bangalore, India - [verint.com](#)

- Took unit test coverage from 0% to 70% in under 2 months across 6 Java microservices and 3 Python services by building a custom testing framework that prioritises files using *cyclomatic complexity*, *git churn* and *existing coverage*, enforced as a GitHub check on every PR.
- Built a graph-based downstream impact analysis feature for data model changes on *OpenSearch*; replaced a manual Jira workflow that took *hours to days* with lookups that run in *milliseconds* (one-time graph build under 10s).
- Migrated a legacy codebase of hundreds of thousands of lines from *JDK 17* to *JDK 25*, clearing *1000+ vulnerabilities* including critical *CSRF/SSRF* fixes; everything shipped to production.
- Integrated LLMs into MachEye's business insights feature (trends, anomalies, seasonalities) to cut down its verbiage, improving customer satisfaction (CSAT) by 80%.
- Restructured a single scattered NLQ service into 3 modular LLM microservices (NLQ, insights, SQL join optimiser), collaborating with US and UK teams; first on the team to work out and document LLM access, driving AI adoption across a 30-person team.

Intern, R&D – Architecture

May 2024 – July 2024

- Developed a *Natural Language Query Generator* powered by LLMs; presented to *Sr. Director Data Engineering, Hong Wang*.
- Reduced *2000+ lines of legacy code* to *less than 600* using *Retrieval Augmented Generation* and *Neo4j*; improved suggested query relevancy by 61.51% as measured by *Kullback-Leibler divergence score*.

Kalppo (formerly Mentara)

Jul 2024 – Apr 2025

Software Developer – Founding Team

Remote - [kalppo.com](#)

- Built Mentara, an *AI-driven mentorship platform*: onboarded *50+ mentors* within 1 month of launch, acquired *200+ users* and generated *1L+ in revenue* within 4 months, before pivoting to Kalppo.
- Engineered Kalppo, an AI powered adaptive learning platform that improved learner assessment scores by *15-30%* across subjects and grade levels; generated *LOIs of over 1CR+* pitching *5+ coaching institutes* across India.
- Solely developed a *WhatsApp bot* for learning on the go that garnered *150+ users* in under 7 days of launch.

OPEN SOURCE & BUILDS

Baylish | [Reddit Launch: 14K+ views](#)

- Built a tool to fight engagement farming: paste the URL of any Instagram/YouTube reel or short and it reports whether the claims in the content are *factual*, *verifiable*, or *have no backing*.

SamaritanAI | [NextJS](#), [OpenAI](#), [Clerk](#), [Typescript](#) | [samaritanai.xyz](#) | [Product Hunt](#)

- Shipped an AI-assisted tool to simplify contributing to open source; *150+ visits* within 5 days of launch, reported a *clerk.dev* bug acknowledged by their team, and a *one-on-one* with *Aviral Bhatnagar*, *Founder - ajvc*.

Hrevelio – BuildTheFlow Hackathon Winner | [NextJS](#), [Orkes Conductor](#) | [BuildTheFlow](#)

- Built an automated code enhancement tool to improve DevEx using GenAI orchestration. Selected as *Orkes Ambassador*. Partnered with Orkes and NITK for a nationwide hackathon (*3K+ participants*, *500+ hosted*).

PUBLICATIONS

- **Salunkhe P.**, A. Prakash, Dr. S. Kamath. *Named Entity Recognition Approaches for Multihop Reasoning based Clinical Question Answering Systems*. [IEEE IC3-2025](#).
- **Salunkhe P.**, S. Kelkar, A. Agarwal, C. Rajput, M. Das, B. R Mohan. *Comparative analysis of Software Reliability using Grey Wolf Optimisation and Machine Learning*. [IEEE IATMSI-2024](#).

ACHIEVEMENTS

ACE Performance Award, Verint: highest developer-level award, received for innovation

99.9 Percentile, AIR 1227: JEE Main 2021 | **AIR 6733**: JEE Advanced 2021 | **99.96 Percentile**: MHTCET 2021

Google Foobar Challenge: Reached Level 3 | **Gold Medal, Academics**: City Pride Jr. College