

Rahul

Lead Software Engineer, Attentive AI

Computer Science and Engineering, IIT Kanpur, 2016

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Lead Software Engineer with 10 years of experience leading products end to end, from architecture to delivery, across high-growth and enterprise companies. I specialize in building AI products that solve real problems and move business metrics.

Key Achievements

- **Magical Motivator Award** for fast, high-quality delivery and leadership on the Bid Management Suite (Attentive, 2025)
- **Customer Happiness Guru Award** for outstanding customer satisfaction and direct customer engagement (Attentive, 2025)
- **Founding member of Champion Team** to drive innovation (Adobe, 2022)
- **Terrific Team award** for seamless database migration (TIL, May 2021)
- **Rising Star award** for project execution and adoption (TIL, June 2020)
- **Aspire Award** for development and ownership (TIL, Oct 2018)

Experience

Lead Software Engineer — Attentive AI

2024 - Present

Engineer Lead for Beam Field Services, a core product driving \$5.5M ARR, 50% of total company revenue. Work directly with US-based customers, product managers, and third-party vendors to plan, build, and deliver high-quality software at pace.

- Built a General Integration Layer, saving 15 FTEs/month and increasing integration speed by 24x, generating ~\$45K in 2 quarters.
- Designed and developed Bid Management tool in 2 weeks, projected to add \$1M ARR in year one. Recognized by CTO.
- Built Bid Sniper, an LLM-powered bid discovery tool helping construction companies identify and act on bids faster.
- Built Beam GPT, a RAG-based AI bot for project scoping and post-takeoff queries.
- Built Sentinel, an org-wide plug-and-play authentication and authorization layer across FS and Construction.
- Led investor demo planning for \$30.5M Series B funding round (Q4 2025).
- Increased system observability by 100%, streamlined onboarding and debugging across the team.

Computer Scientist 1 (SDE 3) - Adobe India

2021 - 24

Component lead for two core projects, owning feature development, KPI reporting, effort estimation, code reviews, and on-call onboarding documentation.

- Built an optimized asset listing API reducing response times from 1000ms to under 100ms, improving web app load from 4s to 1s.
- Developed a Data Reconciliation system that cut alert frequency by 70%, saving 3500 man-hours at just \$3K annual cost.
- Designed a Garbage Collector workflow for cloud storage, cutting storage costs by 62%.
- Mentored an intern to build a RAG-based Slack chatbot using GPT-3 and MongoDB as a vector store for internal documentation.
- Conceptualized a Comment Summarization MVP at Hackathon using prompt engineering to extract tone, summary and action items.

Senior Software Development Engineer - Times Internet Ltd.

2016 - 21

Grew from Software Developer to Senior SDE, serving as Cassandra SME and component lead for a mission-critical application supporting 5+ business entities. Mentored interns and introduced monitoring, alerting, and coding best practices across the team.

- Migrated JanusGraph to Elasticsearch, improving response times from ~500ms to 20ms and reducing compute costs.
- Trained and deployed an abstractive text summarization model on 70K article-summary pairs achieving 80% adoption by editors in the CMS.
- Designed and maintained multi-datacenter Cassandra clusters improving system availability from 98% to 99.99%, with continuous backup and DR configurations for reliability.
- Built a Mini CMS using Google App Script saving ~600 man-hours per year, trained 10 editors for fast adoption.

Education

B.Tech in Computer Science and Engineering, **Indian Institute of Technology, Kanpur**

Diploma in Fine Arts, Delhi Collage of Art, Delhi

Technical Skills

Languages: Python, Java, Typescript

Database: SQL, Athena, Cassandra, MongoDB, Redis

Others: LangChain, Git, Poetry, AWS, GCP, Azure, Pyspark, Kafka, Docker, Kubernetes, Jenkins, Excel, VBA, Power query

ML Tools and Algorithms: Tensorflow, Pytorch, Pandas, Numpy, Seaborn, CNN, Seq2Seq, LLM, Prompt Engineering