DEBOJIT KANGSA BANIK

debojitkangsabanik@gmail.com **|** 8011129328 | GitHub: github.com/dkbanik | LinkedIn: linkedin.com/in/dkbanik

PROFESSIONAL SUMMARY

Software Development Engineer with 8+ years of experience in backend systems, specializing in Java and cloud-native solutions. Proven expertise in building scalable microservices, leading small teams, and collaborating cross-functionally with product, UX, and customer teams. Recognized for delivering customer-centric features and solving high-impact production issues across multiple enterprise products.

WORK HISTORY

Senior Software Engineer, Feb 2025 – Present
 Khoros Community
- Collaborated with team members, Product Owner, and UX Designer to design and deliver the MVP for *Community Moderation* from scratch (*Technologies: Java, GraphQL, ElasticSearch, MySQL)*
- Resolved a critical XSS vulnerability that blocked customers from embedding social media content into the product

Senior Software Engineer, May 2024 – Jan 2025
 Khoros Care
- Led a team of 3 engineers to design and implement *Label Tagging Microcode*, enabling real-time tagging of social media content based on predefined rules (*Technologies: Java, DynamoDB-Kinesis, ElasticSearch)*
- Resolved a 3+ year-old race condition bug, addressing 10+ unique customer tickets and improving platform stability

Software Engineer III, Feb 2023 – May 2024
 Khoros Analytics
- Collaborated with Product Managers to design the solution and led the development of RESTful endpoints powering frontend analytics applications, while also contributing to the ingestion pipeline that collected data from social networks and routed it to downstream systems (*Technologies: Java, ElasticSearch, AWS DynamoDB, AWS Kinesis)*

Software Engineer III, Feb 2022 – Feb 2023
 Khoros Marketing
- Designed and led the implementation of *Autoblock Keywords*, a real-time rule engine to filter offensive content (*Technologies: Java, Spring, Redis, MySQL)*
- Mentored 3 junior team members and acted as a core contributor in resolving 20+ customer-reported bugs across the product

Software Engineer II, Nov 2019 – Feb 2022
 Khoros Intelligence
- Developed *Twitter Themes* feature to cluster social conversations using unsupervised ML and Spark NLP (*Technologies: Scala, Kafka, Solr, Spark-ML, Python, Ruby)*
- Solved 50+ customer issues across 10+ codebases as part of core sustenance efforts

Developer Associate, Jul 2017 – Nov 2019
 SAP Labs India
- Developed RESTful and OData services for enterprise applications. Built responsive web applications to consume services as part of full-stack initiatives

Summer Intern, May 2016 – Jul 2016
 IIIT Guwahati
- Internship during undergrad with exposure to software development practices and research

SKILLS

Languages: Java, Scala, Python, Ruby
Frameworks: Spring Boot, GraphQL, Ruby on Rails
Cloud & Tools: AWS (DynamoDB, Kinesis, EC2, S3), Kafka, Docker, Kubernetes, Jenkins, Maven
Databases: MySQL, PostgreSQL, Cassandra, Redis, ElasticSearch, Solr
Others: RESTful APIs, Microservices, MLlib, Git, Agile

PERSONAL WORK

- Building hands-on expertise in Large Language Models (LLMs) by experimenting with RAG, QLoRA, fine-tuning, AI agents, and prompting techniques, Hugging Face and OpenAI tools
- Developed a functional chatbot interface using Gradio and OpenAI APIs to explore end-to-end LLM workflows including inference and retrieval integration

EDUCATION

Bachelor of Technology in Computer Science & Engineering
 NIT Silchar, Jul 2013 – May 2017 **CGPA: 8.13**

Class XII (AHSEC) – Ramanuj Gupta Junior College, Silchar – 87.6%
Class X (SEBA) – Happy Child High School, Silchar – 81%

HONORS & AWARDS

- Awarded *Honorable Mention* in Vista Global Hackathon 2021 for building a predictive ML model for social media post engagement