

DASTAGEER SIDDIQUI

+91-80038 34115 | dastageer.pro@gmail.com | [linkedin.com/in/dastageer](https://www.linkedin.com/in/dastageer) | github.com/Dking08

EDUCATION

Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar **Expected May 2027**
Bachelor of Technology in Computer Science and Engineering *CGPA: 9.58/10.0*
Additional Training: McKinsey Forward Program **2025**

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C, C++, Bash, SQL
DevOps & Cloud: Docker, Kubernetes, Prometheus, Apache OpenWhisk, AWS, CI/CD Pipelines, Helm
Web Development: HTML, CSS, TypeScript, Node.js, React.js, FastAPI, REST APIs, WebSockets
ML/AI: XGBoost, LightGBM, BERT, NLP, TensorFlow, OpenCV, Scikit-learn, Pandas, NumPy
Databases & Tools: MySQL, MongoDB, PostgreSQL, Redis, Git, Linux, Android Studio

PROFESSIONAL EXPERIENCE

EY (Ernst & Young) **Jul 2025 – Sep 2025**
Data Analyst Intern *Remote, India*
– Developed a **cash flow forecasting system** using FastAPI and ML pipelines (XGBoost, LightGBM), achieving **$R^2 = 0.87$** and automating **13+ KPIs** in the AlcoBev domain.
– Built a universal forecasting engine validated across **4+ business domains** with **95% interoperability**, streamlining data preprocessing and model deployment.

Indian Institute of Technology (IIT), Roorkee **Dec 2024 – Feb 2025**
Cloud Computing Research Intern *Remote, India*
– Enhanced the **Apache OpenWhisk** scheduler to reduce serverless cold starts by **15%**, improve 95th percentile latency by **5.7%**, and boost container reuse by **62%** across **90+ test cases**.

LEADERSHIP & CAMPUS ROLES

Android Lead, Google Developer Group (GDG) KIIT — Led 40+ developers in Android-ML projects and sessions on Jetpack Compose and modern app architecture.
Cloud Lead, GeeksforGeeks KIIT Chapter — Conducted DevOps and Cloud bootcamps (AWS, Docker, Kubernetes, CI/CD) for 200+ students, guiding project-based learning and automation initiatives.

TECHNICAL PROJECTS

Polyphen – AI Healthcare Platform **2025**
EY Techathon 5.0 National Runner-Up
– Engineered an Android-based healthcare app with **encrypted consultations**, **BERT-driven symptom prediction**, and real-time disease tracking via **geospatial analytics**.

Advanced TSP Optimization using Metaheuristics **2024**
Research Project
– Implemented an Enhanced Mutation framework integrating **15+ metaheuristics** (PSO, DA, BWR, DE, FLA); achieved **1.58% deviation** from optimal with **87% faster convergence**.

croc-app – GitHub **2026**
Open-Source Android app
– Developed and actively maintained an open-source Android client for **croc** with QR-assisted file sharing, transfer history, and clipboard sync using **Kotlin** and **Jetpack Compose**; implemented reproducible build workflows and grew the project to **65+ GitHub stars** with active community feedback.

ACHIEVEMENTS & PUBLICATIONS

National Runner-Up – EY Techathon 5.0 **Mar 2025**
– 2nd among 150,000+ participants

National Finalist – Providence LEAP Ideathon **Nov 2024**
– Top 5 among 5,446 teams

IEEE Conf. Paper: Benchmarking Improved Metaphor-Less Optimization Algorithms on TSP **2025**
– IEEE, 2025; Book Chapter: Machine Learning for Solar Energy Prediction — IGI Global

Hacktoberfest 2025 Supercontributor **Oct 2025**
– 7 merged PRs across open-source repositories collectively exceeding 5,700 stars

F-Droid Volunteer App Reviewer **Apr 2026**
– Reviewed and tested 135+ open-source Android apps; submitted merge requests and quality feedback