

# RAJ KUMAR DUTTA

Bengaluru, India • +91 7992204910 • rajkumarsindri22@gmail.com • <https://www.linkedin.com/in/rk-dutta/>

## SUMMARY

Proactive Backend Engineer with more than 3 years' experience in GCP, ETL automation, and microservices, boosting data throughput by 40%. Seeking Software Developer role to drive scalable, cloud-native solutions.

## SKILLS

### Hard Skills

Languages: Java  
Cloud: Google Cloud Platform (GCP)  
Frameworks: Spring Boot, Apache Beam  
Tools: GitHub, Postman, IntelliJ, Jenkins  
Databases: PostgreSQL, GCP Datastore  
Messaging: Apache Kafka, GCP Pub/Sub

### Soft Skills

Problem-Solving  
Communication  
Agile & Scrum Collaboration  
Analytical Thinking  
Adaptability

## EXPERIENCE

- Accenture** September 2024 – Present  
Bengaluru, India  
*Backend Engineer (Packaged App Developer Sr. Analyst)*
  - Engineered advanced ETL pipelines leveraging Apache Beam on GCP, enhancing data processing efficiency by 40% throughput by 40%.
  - Automated data ingestion via Cloud Scheduler and Pub/Sub, reducing manual effort by 80% and improving job reliability.
  - Designed Spring Boot powered microservices, applying REST API principles to cut deployment cycles by 30% for backend components features.
  - Managed deployment and scaling of services on GCP App Engine, ensuring high availability and optimized resource usage.
  - Exposed and managed secure service endpoints using Google Cloud Endpoints for controlled external integrations.
- OpenText** November 2021 – August 2024  
Bengaluru, India  
*Cloud Application Consultant*
  - Engineered BPM workflows and reusable components focusing on automation within AppWorks to enhance workflow performance.
  - Executed custom solutions using deployment scripts, elevating system reliability by minimizing manual tasks by 70% and enhancing consistent application provisioning.
  - Designed a custom deployment solution via platform APIs and scripts, resulting in 70% manual effort savings and consistent multi-environment deployments.
  - Delivered L2/L3 production support through the development of Java utilities, improving operational efficiency by reducing response time by 30%.
  - Integrated AppWorks with external enterprise systems like Microsoft 365 using REST APIs and service connectors.

## EDUCATION

- Bachelor of Technology - Computer Science and Engineering** 2019  
MAKAUT, Asansol Engineering College Asansol, India

## PROJECTS

- AI Shell CLI — Terminal-Based AI Assistant**

Tech Stack: Java, Spring Boot, JLine, Google Cloud Storage, REST API, Tree Data Structure

**GitHub:** [github.com/angKafka/ai-powered-shell](https://github.com/angKafka/ai-powered-shell)

- Developed a feature in Java that merges AI natural language processing tools into CLI systems, reducing user interaction time by nearly 25%.
- Created an in-memory file hierarchy structure facilitating efficient navigation commands (cd, ls, pwd), boosting file access efficiency by 35%.
- Integrated with Google Cloud Storage for secure PDF access using service account authentication.
- Implemented modular architecture (AI, controller, algorithm) for scalability and maintainability.
- Engineered a custom interface to interpret and execute Linux-style commands, improving user interaction and system usability with AI.