






CONTACT

-  [mrpravudatta10@gmail.com](mailto:mrpravudatta10@gmail.com)
-  73288 61610
-  Hyderabad , India
-  [github.com/pravudatta10](https://github.com/pravudatta10)
-  [linkedin.com/in/pravudatta-kar](https://linkedin.com/in/pravudatta-kar)

SKILLS

- JavaSpring BootMicroserviceGIT
- OracleSpring SecurityAngularREST
- Spring WebFluxFeignHibernateJPA
- JWTOAuth2PostgreSQLRabbitMQ
- Design PatternKafkaAWS Docker
- EC2, S3, LambdaKubernetesJenkins
- MavenJUnit 5MockitoJSONCI/CD
- Log4jELK StackPrometheusScrum
- BitbucketTroubleshootingDebugging
- IntelliJVsCodeApache POIiText

WORK EXPERIENCE

**Birlasoft**Sept-2024 - Present

- Developing AI-powered solutions using LLM models, improving document processing efficiency by 40%.
- Optimized API performance by 30% with SQL query tuning and caching strategies.
- Implemented WebFlux, enhancing real-time data streaming for AI interactions.
- Integrated Kafka for event-driven architecture, reducing inter-service latency by 25%.

**Nichebit**July-2022 - Aug-2024

- Designed and optimized microservices for insurance and approval systems.
- Improved deployment efficiency with CI/CD pipelines, reducing release cycle by 50%.
- Integrated third-party APIs, ensuring seamless data exchange with minimal downtime.

EDUCATION

- Bachelor of Technology  
in Computer Science & Engineering  
2018-2022 | BPUT, Odisha

PRAVUDATTA KAR

Senior Software Engineer

Experienced Software Engineer at **Birlasoft**, currently working at **CRISIL** on an AI-driven microservice-based project. Expertise in building scalable, secure applications, optimizing system performance, and integrating **AI models**. Proficient in backend development, API design, and cloud technologies with **3+** years of experience in enterprise solutions.

PROFESSIONAL SUMMARY

- Developed scalable microservices with **Spring Boot 3**, secured with **Spring Security 6.1** and **JWT**.
- Implemented **Spring WebFlux**, enabling real-time data streaming and asynchronous processing.
- Proficient in **Java 17**, covering **OOP**, **collections**, **multithreading**, and **exception handling**.
- Integrated external APIs using **RestTemplate** and facilitated microservices communication via **Feign Client**.
- Optimized database performance for **Oracle & PostgreSQL**, reducing query execution time by **30%**.
- Built dynamic **Angular 17** applications, implementing **routing**, **lazy loading**, and **component-based architecture**.
- Managed authentication & role-based access control with **Spring Security 6.1** and **Keycloak**.
- Implemented **CI/CD** pipelines with **Jenkins**, **Bitbucket**, and **Git**, reducing deployment time by **40%**.
- Conducted root cause analysis (**RCA**) and optimized system performance, reducing production issues by **25%**.
- Ensured **high code quality** using **JUnit 5**, **Mockito**, **Log4j**, and **Prometheus monitoring**.
- Leveraged **Kafka & RabbitMQ** for event-driven microservices communication.
- Automated report generation (**Excel & PDF**) using **Jaspersoft**, **Apache POI**, and **PDFBox**.

PROJECT EXECUTED

- Title : **Intelligen AI**  
Client : **CRISIL**  
Role : **Full Stack Developer**  
Technologies & Tools: **Java**, **Spring Boot**, **Microservices**, **WebFlux**, **Spring Security**, **Angular 17**, **PostgreSQL**, **GIT**, **Postman**, **SonarQube**, **Python**, **Apache POI**, **Grafana**, **Kafka**, **Jenkins**, **CI/CD**, **AWS**  
AI Models Used: **LLaMa 3 8B**, **LLaMA 3.3 70B**, **GPT-3.5**, **GPT-4**  
Project Overview: Designed and developed an **AI-powered assistant** for **CRISIL**, enabling **intelligent document summarization** (**PPT**, **PDF**, **TXT**), acting as a coding assistant, and supporting **AI-driven interactions**.
- Key Responsibilities:
- Secured authentication & role-based access control with **Keycloak**, ensuring **100%** compliance with security standards.
  - Designed a modular & scalable microservices architecture, enabling easy feature expansion.
  - Optimized real-time data streaming, improving user experience by **50%** through **Spring WebFlux**.
  - Integrated **Angular 17** with Java APIs using **HttpClient**, ensuring seamless frontend-backend communication.
  - Reduced API response time by **30%** by optimizing **SQL queries** and implementing indexing strategies.
  - Generated automated **Excel reports** for chat history using **Apache POI**, reducing manual reporting effort by **60%**.
  - Proactively identified security vulnerabilities using **SonarQube**, ensuring a **95%** clean code score.
  - Implemented event-driven architecture with **Kafka**, enhancing system performance.
  - Automated **CI/CD pipelines** with **Jenkins**, reducing manual deployment effort by **40%**.