

Dahal Kungur Basumatary

basumatarydahal2@gmail.com | +91 9864958388 | Kokrajhar, Assam, India
linkedin.com/in/dahal-kungur-basumatary | github.com/CodeCrafter2119

PROFESSIONAL SUMMARY

Java Backend Developer with hands-on experience building and deploying secure, scalable REST APIs using Spring Boot and AWS, complemented by a strong foundation in TCP/IP networking, the OSI model, and Cisco device configuration. Proven ability to architect full-stack applications with real-time capabilities, payment integrations, and AI components. Graduating May 2026 and actively seeking Java Backend Developer roles.

EXPERIENCE

Java Backend Developer Intern

April 2025 – October 2025

Shop Online New York — Yonkers, NY (Remote)

- Built RESTful APIs for product catalog and user authentication using Spring Boot and Spring Security; optimized queries with Spring Data JPA.
- Deployed applications on AWS, applying DNS, HTTP/HTTPS, and TCP transport-layer knowledge; used WebSocket and REST APIs in production.
- Containerized services with Docker and managed the codebase via Git/GitHub with regular code reviews in an Agile team.

Web Developer Intern

December 2024 – January 2025

Indian Oil Corporation Limited (IOCL) — Bongaigaon, Assam

- Built a secure Role-Based Access Control (RBAC) system using Node.js and Express.js, applying network authentication and access management concepts.
- Designed a responsive frontend with HTML/CSS, improving usability for the internal training portal.

PROJECTS

Full-Stack Flight Booking Platform

Java Spring Boot · React · AWS (Elastic Beanstalk, RDS, S3) · WebSocket · JWT · OAuth 2.0 · MySQL · Razorpay · Ollama

- Secured Spring Boot backend with JWT/OAuth 2.0 (multi-role access); implemented WebSocket for real-time seat availability, preventing overbooking.
- Integrated Razorpay with webhook verification; designed dual AI architecture (Ollama/Llama 3 locally, Mock AI on AWS) to eliminate dev API costs.
- Deployed on AWS via Elastic Beanstalk, RDS, and S3 with MySQL connection pooling for performance.

SpringAI Model Comparator

Spring Boot · React · Ollama · Llama 3 · DeepSeek-Coder

- Built a benchmarking tool comparing Llama 3 vs. DeepSeek-Coder with a real-time React dashboard, integrating Spring Boot with local Ollama inference.

Cisco Packet Tracer Networking Labs

2025–2026

github.com/CodeCrafter2119/Cisco-Networking-Labs

- Configured routers/switches via Cisco IOS CLI; implemented SSH/Telnet for secure remote management; diagnosed connectivity with ping and ICMP testing.
- Configured and verified IPv4/IPv6 addressing, subnetting, NAT, and neighbor discovery across simulated LAN/WAN topologies.

EDUCATION

B.Tech in Computer Science and Engineering

May 2026

Central Institute of Technology — Kokrajhar, Assam

SKILLS

Backend: Java, Spring Boot, Spring Security, Spring Data JPA, Spring AI, Hibernate, REST APIs, Microservices

Frontend & Cloud: React, HTML/CSS · AWS (Elastic Beanstalk, EC2, RDS, S3), Docker, Maven, Gradle

Databases & Tools: MySQL, JPA/Hibernate · Git/GitHub, Postman, Swagger/OpenAPI, Ollama

Networking: TCP/IP, UDP, HTTP/HTTPS, DNS, DHCP, ARP, ICMP, OSI Model, IPv4 Addressing, Subnetting, VLSM, Cisco Packet Tracer, Cisco IOS CLI

CERTIFICATIONS

Spring Boot Mastery (Udemy, 2025) · Networking Basics, Getting Started with Cisco Packet Tracer, Networking Devices and Initial Configuration, Network Addressing and Basic Troubleshooting (Cisco Networking Academy, 2026)