Lalit Kr Choudhary

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SKILLS SUMMARY

- **Languages:** Java, Python, JavaScript, JSP, SQL
- **Frameworks:** SpringCore, SpringBoot, Spring MVC, Spring Security, Hibernate, JDBC, Spring RestApi, Thymeleaf, Numpy, Pandas, FastAPI, React
- **Tools:** PostgreSQL, MySQL, MongoDB, Postman, Git, Docker
- **Others:** REST API, JSON, JWT, Microservice
- **Soft Skills:** Team Work, People Management, Flexibility

EXPERIENCE   View Certificate

- Backend Java Developer Intern, "Ardvark Network Solutions Private Limited" *March 2024 - June 2024*
- Worked on a project titled "Telecom Salesforce Management Platform" as part of the Product Development Department.
- Engineered microservices-based solutions in Java, enhancing system resilience and reducing latency through effective load balancing and API integration.
- Sharpened analytical abilities by utilizing advanced SQL queries to streamline data retrieval processes for team projects, improved response times by an average of 30 seconds per query executed during peak load periods.

PROJECTS

AI-Powered Email Generator | React, Spring Boot, Gemini API   **View Link**
- Developed a full-stack AI email generator that creates professional emails based on user replies using Google's Gemini API.
- Designed a dynamic and responsive frontend using React to capture user input and display generated emails.
- Built a Spring Boot RESTful backend that securely interacts with Gemini API and returns contextual email responses.
- Utilized Docker for backend containerization and deployed it on Render for scalable cloud deployment.
- Configured CORS and environment variables for seamless frontend-backend communication across platforms.

Full-Stack CRUD Application   **View Link**
- **Hosting:** Frontend (Netlify), Backend (Render using Docker), Database (Aiven MySQL)
- Developed and deployed a full-stack CRUD application with React frontend and Spring Boot backend.
- Implemented RESTful APIs for user management and integrated MySQL for persistent storage.
- Containerized the backend using Docker and deployed it on Render.

E-commerce Platform Development | Spring Boot, Thymeleaf, MySQL   **View on GitHub**
- Building a feature-rich e-commerce application with a responsive user interface using Thymeleaf templates.
- Implemented high-performance APIs within a modular layout utilizing Spring Boot to support vital functions like managing products while ensuring strong security protocols around user login processes affecting thousands weekly..
- Designed modular front-end components that interacted seamlessly with Spring Boot's API layer; reduced page rendering times to under 200 milliseconds while ensuring robust functionality for over daily users.
- Enhanced scalability of data management systems by executing strategic indexing and query optimizations on over 50 database tables, resulting in improved operational efficiency and faster access to critical business information.

EDUCATION

Tezpur University   Tezpur, Assam
- *Master of Computer Applications; CGPA: 7.1 (current)*   *November 2022 - June 2024*

Dispur College   Guwahati, Assam
- *Bachelor of Computer Applications; Percentage: 7.11*   *April 2018 - July 2021*

ACHIEVEMENTS

Earned two certifications in 2024, including **Udemy**, **NPTEL**, knowledge gained is now leveraged to train and mentor .