ADITYA PRAKASH

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Professional Summary

A motivated computer science graduate with strong expertise in software development, specializing in Java programming and full-stack web application development. Demonstrated ability to build scalable, secure Java-based solutions using modern frameworks like Spring Boot , coupled with efficient database management in MySQL. Equipped with excellent problem-solving skills, attention to detail, and a passion for delivering high-quality, maintainable code.

Education

Silicon University – Bhubaneshwar, India   *2024 Present*
Master's in Computer Applications (MCA)

Ravenshaw University – Cuttack, India   *11/2021 05/2024*
Bachelor in Science (Information Technology and Management)

Chinmaya Vidyalaya (English Medium) – Rourkela, India   *01/2019 05/2021*
Secondary Education

Certifications

Certificate of Appreciation: Azure Masters and Introduction to Data Engineering Ingenious-TechWorld, Silicon University, Odisha
Jun 2025 – Jul 2025

Skills

Languages: Java, C, Python
Tools: VS Code, Eclipse
Databases: MySQL
Relevant Coursework: OOPS, DSA
Cloud Platforms: Microsoft Azure
Web Development: HTML, CSS, JavaScript
Framework: Spring Boot, Laravel

Projects

CampusConnect   *Oct 2025 – Oct 2025*

- Developed a full-stack campus utility platform streamlining communication, academic resource sharing, food ordering, and accommodation management for university students.

- Designed and implemented secure, role-based modules—including Admin Panel, Chat Rooms, Notes Upload & Approval System, Food Ordering, and Rent/PG Listings—ensuring data privacy, streamlined workflows, and improved user access control across the platform.

- Built a credit-based contribution model where students earn credits for uploading notes; integrated admin approval workflows with automated credit logging.

- Enhanced overall user experience with responsive UI, real-time updates, and optimized MySQL queries ensuring seamless performance across all modules.

Gen Z Dictionary App   *Mar 2025*

- Developed a desktop CRUD application in Java 22 using JDBC and MySQL to securely manage and store contemporary Gen Z slang entries, enhancing data accessibility and management.

- Implemented core CRUD features for managing slang entries with secure search functionality, employing prepared statements to prevent SQL injection and enhance application security.

- Built a dynamic "Word of the Day" feature using randomized database selection to increase user engagement and retention.

Polling App   *Aug 2025*

- Developed a full-stack polling application with Angular frontend and Spring Boot backend, enabling seamless poll creation, voting, and real-time result visualization for enhanced user interaction.

- Implemented secure user authentication using JWT and designed RESTful APIs to enable efficient poll management and real-time data synchronization.

- Built a responsive UI with Angular Material, prioritizing usability and smooth navigation, while maintaining a scalable backend architecture .