

# Ramakrishna Nakka

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## SUMMARY

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Passionate Software Engineer (2025 graduate) with strong problem-solving and analytical skills, having solved 300+ DSA problems and achieved top contest rankings. Proficient in Java, OOP, SQL, and backend development, with hands-on experience in building scalable applications. Familiar with Spring Boot, REST APIs, Git, and Agile practices. Enthusiastic about learning, collaborating, and contributing to impactful real-world projects.

## EDUCATION

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### National Institute of Technology Mizoram

2021 - 2025

B.Tech , Computer Science & Engineering

## PROJECTS

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### BankLite – Console Banking System

- Simulated a basic banking system using Java and OOP principles.
- Implemented features such as account creation, deposits/withdrawals, balance checks, and transaction history.
- Used file-based persistence to ensure data integrity.

### AI Image Generator

- Developed a responsive web application integrating REST APIs.
- Built front-end using HTML, CSS, and JavaScript with secure API handling.
- Designed dynamic UI for user interaction and image gallery.

### Learning Path Generator (MCP)

- Built an AI-powered learning path generator with personalized content discovery.
- Designed Streamlit-based UI for tracking and automation.
- Integrated backend with external APIs for dynamic content.

## ACHIEVEMENTS

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- Solved 300+ Data Structures & Algorithms problems.
- Secured 4th and 6th place in DSA-Advanced Biweekly Contests by NXTWave among 3000+ participants.

## CERTIFICATIONS

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### Industry Ready Certification in Full-stack Development

## SKILLS

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- **Programming Languages:** Java, Python, C++, JavaScript, SQL
- **Core CS:** Data Structures & Algorithms, OOP, System Design
- **Backend & Database:** Spring Boot, Node.js, Express.js, MySQL, MongoDB
- **Web Technologies:** REST APIs, HTML, CSS, JavaScript
- **Tools:** Git, GitHub