

M V PRAMODA LAKSHMI

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PROFESSIONAL SUMMARY

Computer Science graduate with software engineering internship experience at EPAM Systems and hands-on experience in Java, Spring Boot, REST APIs, databases, testing, debugging, and CI/CD. Experienced in backend development, secure authentication, Git, Jenkins, Docker, and AWS.

WORK EXPERIENCE

- EPAM Systems** January 2026 - June 2026
Junior Software Engineer Hyderabad, India
 - Engineered OTP authentication with cooldown periods and a maximum of 3 resend attempts using nopCommerce plugin architecture.
 - Designed rider status workflows with confirmation guards and debugged workflow issues while implementing keyword-based product search returning the top 5 ranked results.
 - Developed and tested backend functionality using .NET, REST APIs, and database-driven workflows with authentication and authorization.
 - Delivered sprint tasks using Git and Jira with Jenkins CI/CD, SonarQube quality checks, testing, and peer code reviews.
 - Documented API behavior, module responsibilities, implementation decisions, and setup procedures to support development and maintenance.

EDUCATION

- Koneru Lakshmaiah University** August 2022 - May 2026
BTech GPA: 9.64/10.00

PROJECTS

- Student Extracurricular Management System** August 2024 - January 2025
Spring Boot, Java, MySQL, JPA/Hibernate, REST APIs
 - Developed backend functionality supporting 2 user roles for extracurricular activity registration and participation tracking.
 - Implemented 10+ RESTful APIs across 5 modules using Spring Boot, JPA/Hibernate, and MySQL.
 - Implemented performance-based ranking logic using participation and achievement data to automate student scoring.

PUBLICATIONS

- [C.1] M. V. Pramoda Lakshmi, et al. (2026).
Sentiment-Driven Image Recommendation Using GRU-Based Text Analysis and CNN-LSTM Visual Modeling. 2026 5th International Conference on Innovative Practices in Technology and Management (ICIPTM).
Developed a multimodal recommendation pipeline using GRU sentiment classification, ResNet50 features, and CNN-LSTM image captioning for product retrieval.
DOI: [10.1109/ICIPTM69057.2026.11465942](https://doi.org/10.1109/ICIPTM69057.2026.11465942)

SKILLS

- Programming Languages:** Java, C#, Python
- Core CS:** Data Structures & Algorithms, OOP, SOLID Principles, Design Patterns, Operating Systems
- Backend & Web:** Spring Boot, ASP.NET Core, REST APIs, JPA/Hibernate, Entity Framework Core, JSON
- Database Systems:** MySQL, SQL Server, MongoDB
- Testing & Security:** Unit Testing, API Testing, Debugging, Logging, JWT Authentication, OAuth 2.0, Authentication & Authorization, Secure Coding
- Tools & DevOps:** AWS (EC2, S3, Lambda), Docker, Kubernetes, Jenkins, Git, Maven, IntelliJ IDEA, SonarQube
- AI Tools:** GitHub Copilot

LEADERSHIP EXPERIENCE

- Team Lead** June 2023
Smart India Hackathon 2023
 - Led a 6-member team, coordinating technical decisions and contributing to the development of a heritage preservation platform.

CERTIFICATIONS

- RedHat:** Red Hat Certified Specialist in Enterprise Application Development September 2024
- Oracle:** Oracle Certified Professional: Java SE 11 Developer September 2024
- Amazon Web Services Training and Certification:** AWS Certified Cloud Practitioner May 2024