

# PURUSHOTTAM PATTANASHETTY

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## EDUCATION

**Master of Computer Applications**, KLE Technological University Hubli, India 2021 – 2023  
Course focused on Distributed Systems, Object-Oriented Design, Machine Learning and Data Science | CGPA: 8.7/10  
**Bachelors of Computer Science**, Karnatak Science College Dharwad, India 2017 – 2020  
Relevant coursework: Data Structures, Algorithms, Software Engineering Principles | Percentage: 66.38

## RELEVANT EXPERIENCE / INTERNSHIPS

**Software Engineer** | Dlithe, Bangalore, India FEB 2025 – MAY 2025

- Collaborated on a team to develop internal data-logging tools using Java SE for backend processing.
- Implemented and maintained SQL queries for data retrieval and reporting using MySQL.
- Participated in Agile methodology, Implemented REST API and written unit test to ensure quality and stability.

**Assistant Professor** | KLE Technological University, Hubli, India Aug 2024 – Nov 2024

- Taught Data Structures, Algorithms, and OOP (C++).
- Mentored MCA student projects and dissertations.
- Updated curriculum with modern software development trends.
- Conducted lab sessions and coding assessments.

**Backend Developer Intern** | Curilux, Hubli, India JUNE 2023 – AUG 2023

- Designed and built a modular RESTful APIs for scheduling, patient records, and doctor availability, establishing a reliable, scalable communication layer for the platform using Spring and Hibernate.
- Managed the project codebase using Git and documented API end points using Postman.
- Performed end-to-end API testing using Postman, resolving critical defects and validating system security.
- Optimized appointment scheduling system by redesigning the database schema, reducing query complexity and improving overall system performance.

**Programmer Trainee** | COGNIZANT, Pune, India NOV 2020–SEP 2021

- Participated in daily stand ups and weekly status calls. Maintain effective working relationships with team members and supervisors.
- Debug and maintain existing source code and software applications.
- Participated in code-reviews and test new software modules.
- Provided periodic task updates to the lead and participate in the creation of weekly and monthly reports for clients.

## KEY PROJECTS

**Certification Generation System, Dlithe Project** 2025

- Engineered an automated certificate generation system that processed [Specify Data Source, e.g., bulk CSV files] to instantly produce [Quantify, e.g., 500+] personalized PDF certificates, reducing manual processing time by [Quantify, e.g., 90%].
- Developed a secure, data-driven workflow that integrated [Specify Database/Language, e.g., MySQL and Java] to pull verified user records, virtually eliminating data entry errors and ensuring 100% data accuracy on all certificates.

**Paid Ads Web Applications Based on News portal, Capstone Project** 2019 - 2020

- Engineered and deployed a News Portal/Paid Ads Platform using Java, MySQL, and JavaScript/jQuery to enable centralized content management and digital advertising, improving efficiency over the legacy manual system.
- Designed a dynamic advertisement management system supporting Image, Marquee, and Video ad types, allowing customers to select placement priority (e.g., TOP, MIDDLE) to maximize revenue potential.
- Built the admin backend for secure CRUD operations on news content (including YouTube video integration) and implemented a reporting module to generate comprehensive monthly/yearly invoice and order reports.

## PROFESSIONAL SKILLS

Core Languages	Java, C/C++ (Foundation)
Tools & DevOps	Maven, Gradle, Git/GitHub, IntelliJ IDEA, AWS(Basic)
Frameworks / APIs and Databases	Spring MVC, Spring Boot (Basic), Hibernate, RESTful APIs, JDBC, MySQL, MongoDB
Development Methodologies/ tools	Agile, Scrum, JIRA, AWS Board