

# Omkar Kyasti

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## EDUCATION

<b>Alliance University</b> <i>Master of Computer Applications (MCA) – CGPA: 8.2/10.0</i>	Bangalore, India 2024 – 2026
<b>KLE RLS BCA College</b> <i>Bachelor of Computer Applications – CGPA: 8.0/10.0</i>	Belagavi, India 2021 – 2024

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, C++, JavaScript, TypeScript, SQL, Bash/Shell Scripting  
**Web Development:** React.js, Node.js, Express.js, Spring Boot, Flask, Django, HTML5, CSS3, Bootstrap, Tailwind CSS, RESTful APIs, GraphQL  
**Databases:** MySQL, MongoDB, PostgreSQL, SQLite, Redis, Database Design, Query Optimization, Indexing  
**Cloud & DevOps:** AWS (EC2, S3), Azure, Docker, Kubernetes (basics), CI/CD Pipelines, Jenkins  
**Testing:** JUnit, Jest, Selenium, Unit Testing, Integration Testing, Test-Driven Development  
**Tools & Technologies:** Git, GitHub, GitLab, VS Code, IntelliJ IDEA, Eclipse, Postman, Maven, npm, Webpack  
**Core Concepts:** Data Structures, Algorithms, OOP, Design Patterns, System Design, Microservices, SDLC, Agile/Scrum

## PROFESSIONAL EXPERIENCE

<b>Software Developer Intern</b> <i>TECHPLEMENT</i>	May 2024 – June 2024 Belagavi, India
<ul style="list-style-type: none"><li>Developed scalable web applications using Python, Java, and modern frameworks following Agile development methodology</li><li>Designed and implemented RESTful APIs with comprehensive error handling and security best practices</li><li>Optimized application performance reducing response time by 30% through code refactoring and database query optimization</li><li>Collaborated with cross-functional teams in code reviews, sprint planning, and daily standups to deliver quality software</li><li>Wrote clean, maintainable code following OOP principles and implemented unit tests for robust functionality</li></ul>	

## PROJECTS

<b>Food Delivery Web Application</b>   <i>React.js, Node.js, Express.js, MongoDB, REST APIs</i>
<ul style="list-style-type: none"><li>Built full-stack application serving 100+ concurrent users with features including authentication, cart management, and order processing</li><li>Developed RESTful APIs achieving 30% faster response time through database indexing and query optimization</li><li>Implemented responsive UI with React.js and state management, ensuring seamless user experience across devices</li></ul>
<b>Movie Ticket Booking Platform</b>   <i>React.js, Node.js, MySQL, REST APIs</i>
<ul style="list-style-type: none"><li>Created end-to-end booking system with secure authentication, dynamic seat selection, and real-time availability checking</li><li>Designed normalized MySQL database with proper indexing ensuring data consistency for concurrent bookings</li><li>Optimized frontend performance achieving 25% faster load times through code splitting and lazy loading</li></ul>
<b>E-Commerce Management System</b>   <i>Java, Spring Boot, MySQL, RESTful APIs</i>
<ul style="list-style-type: none"><li>Developed backend services using Spring Boot with JWT authentication and role-based access control</li><li>Implemented comprehensive error handling and input validation ensuring robust and secure API endpoints</li></ul>

## CERTIFICATIONS & ACHIEVEMENTS

**Problem Solving:** Solved 100+ coding problems on LeetCode covering data structures and algorithms  
**Certifications:** Python for Everybody (Coursera), HTML/CSS/JavaScript for Web Developers (Coursera)  
**Key Strengths:** Strong problem-solving abilities, quick learner, effective team collaborator, passionate about clean code and best practices