

PAWANKUMAR N

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PROFESSIONAL SUMMARY

Motivated and detail-oriented MCA student specializing in Generative AI with hands-on experience in software and web application development, combining both analytical and creative problem-solving skills. Skilled in Python, Java, Machine Learning, and full-stack web development, with a focus on building intelligent, secure, and scalable solutions. Demonstrates strong technical foundations in backend integration, database management, and UI/UX alignment to deliver reliable user-centric systems. Passionate about applying AI-driven and modern development techniques to solve real-world challenges, enhance system performance, and collaborate effectively within Agile development teams to achieve impactful digital outcomes.

TECHNICAL SKILLS

Programming Languages: Python, Java, C, C++, PHP

Backend Technologies: Node.js, Express.js, PHP

Frontend: HTML5, CSS3, JavaScript, React (basic), Bootstrap

Databases: MySQL, MongoDB, Firebase

Testing & Tools: Postman, Git, GitHub, VS Code, XAMPP/WAMP

Concepts: Data Structures & Algorithms, SDLC, RESTful APIs, Debugging, Version Control, Software Design Patterns, Deployment

AI/ML Tools: OpenAI API, LangChain, TensorFlow (basics), NumPy, Pandas

EDUCATION

Master of Computer Applications (MCA)

Alliance University, Bengaluru | 2024–2026

• Semester 1 SGPA: 9.2 | Semester 2 SGPA: 9.2

Bachelor of Computer Applications (BCA)

Vijaya College, Bengaluru | Graduated 2024

• CGPA: 8.7

INTERNSHIP EXPERIENCE

Frontend Developer Intern – Alpha Tech Academy

April 2024 – May 2024 | Bengaluru, India

- Developed a Walmart website clone focusing on responsive UI and cross-browser performance.
- Implemented clean and reusable frontend code using HTML, CSS, and JavaScript.
- Improved site navigation and optimized loading time for better user engagement.
- Collaborated with a small Agile team using Git for version control.

TECHNICAL PROJECTS

DJ Booking Management System

PHP, MySQL, HTML/CSS/JavaScript

- Designed and developed a full-stack booking platform enabling event-based DJ service scheduling.
- Implemented secure login, CRUD operations, and database integration for real-time bookings.
- Ensured maintainable code and modular backend structure for scalability.

Face Detection Attendance System

Java, OpenCV

- Built a real-time face recognition system for automated attendance tracking.
- Improved system efficiency by integrating OpenCV for accurate detection and data management.
- Enhanced reliability and reduced manual intervention through automated verification.

PG Finder App (UI/UX Focus)

Figma

- Designed a modern, user-friendly mobile interface for finding and comparing PG accommodations.
- Focused on user journey flow, intuitive layouts, and responsive mobile prototypes.

CERTIFICATIONS

- Introduction to Software Engineering** – IBM
- Automation Developer Associate** – UiPath
- Generative AI: Introduction & Applications** – IBM
- Introduction to Java & OOP** – University of Pennsylvania
- Machine Learning: Classification** – University of Washington
- Agentblazer Champion** – Salesforce

SOFT SKILLS

Analytical Thinking | Team Collaboration | Debugging & Testing | Adaptability | Documentation | Problem Solving | Communication

WORKSHOPS & SEMINARS

- CloudSEK Cybersecurity Seminar** – 2025
- NVIDIA DLI University Ambassador Workshop** – 2025