A. MUTHUPANDI

MCA First Year Student | Aspiring Full Stack Developer | Cloud Computing Enthusiast

muthupandi281205@gmail.com | +91 90033 09247 | LinkedIn | GitHub | Portfolio | Kovilpatti, Tamil Nadu

Career Objective

Full Stack Web Developer with hands-on experience in front-end and back-end development, quality assurance, and AI-based applications. Pursuing Master of Computer Applications (MCA) with a strong foundation in Python, Java, JavaScript, and SQL through internships, freelance projects, and hackathons. Aspiring Full Stack Developer eager to learn Cloud Computing, seeking an entry-level developer or internship role to deliver scalable, user-friendly software solutions.

Education

Master of Computer Applications (MCA) – First Year *2026 – 2028 (Expected)*
Francis Xavier Engineering College, Tirunelveli *Pursuing*

Bachelor of Computer Applications (BCA) *2023 – 2026*
G. Venkataswamy Naidu College, Kovilpatti *CGPA: 8.9/10 (84.7%)*

Higher Secondary Certificate (HSC) *2023*
Tamil Nadu State Board *87.67%*

Technical Skills

- **Programming Languages:** Python, Java, JavaScript, SQL
- **Databases:** MySQL, Firebase, MongoDB
- **Tools & Platforms:** Git, GitHub, Docker, Power BI, Postman
- **Web Development:** HTML5, CSS3
- **Soft Skills:** Team Collaboration, Time Management

Projects

EduCertify – E-Learning Management System *2025*

- Full-stack LMS offering 70+ courses with automated certificate generation, built with HTML, CSS, JavaScript, PHP, and MySQL; implemented authentication, course modules, and progress tracking.

Burnin – Restaurant Billing & POS Application (Freelance) *2025*

- Flutter-based point-of-sale application enabling shop owners to manage menu items, generate bills with QR-code UPI/cash payment sharing, track payment history, view sales analytics, and print receipts via a connected printer.

Sales Analysis Dashboard – Power BI *2026*

- Interactive business intelligence dashboard analyzing sales trends by day, month, and year to support data-driven decision making.

Real-Time Collaborative Text Editor – GUVI Hackathon *2026*

- Multi-user document editor with WebSocket-based real-time synchronization, live cursor tracking, and conflict resolution using OT/CRDT principles. Tech Stack: React, Node.js, WebSockets, MongoDB.

2048 Game – Python Desktop Application *2024*

- Built a fully functional 2048 puzzle game with custom GUI using Pygame, including tile-merge animation and score-tracking logic.

Reflect – AI Journaling Web App (Hack2Skill APAC Ideathon) *2026*

- Prototype AI journaling app with voice transcription, emotional growth tracking, and weekly digests using Gemini AI and Firestore.

Internship Experience

Full Stack Developer & QA Intern *May – Aug 2026*
Gravitorix Technologies

- Developed front-end modules for team web applications (YourBackers Fliks, YourFoodBackers) and performed manual/functional testing, documenting bugs with proof using Jam and Postman for end-to-end quality assurance.

Artificial Intelligence Intern *Jan 2026*
Novi Tech Pvt. Ltd., Coimbatore

- Completed a project-oriented AI internship, building computer vision applications including object detection and hand gesture recognition using Python and OpenCV.

Certifications

- **Git & GitHub Crash Course** – Udemy (April 2025)
- **Web Development from Scratch** – Eduonix (April 2024)
- **Python for Beginners** – Infosys Springboard (June 2023)

Achievements & Leadership

- **Class Representative**, BCA Program (3 consecutive years) and designed a web-based mock auction platform for an intra-college event and served as auctioneer.
- Built hackathon prototypes: Real-Time Collaborative Text Editor (GUVI Hackathon) and AI Journaling App (Hack2Skill Ideathon).