



Pawankumar B

📍 Vellore, India ✉ bpawan2002@gmail.com ☎ +91 9944598616 🔗 Portfolio  LinkedIn  Github

EDUCATION

M.Tech (Integrated) Software Engineering
Vellore Institute of Technology

06/2020 – 05/2025
Vellore, India

SKILLS

Full Stack Development

MERN Stack, AWS, GitHub

DevOps

AWS, Terraform, Docker, GitHub, Kubernetes, Linux

Computer Fundamentals

Networking, OS, C++, Python, AI & Data science, Java, DBMS, SQL, NoSql, C, JavaScript, Perl

Tools Proficiency

VS Code, Postman, Notion, Figma, Vercel, Jenkins, Selenium, VMware, Burp Suite

PROJECTS

DanceHolic: AI Dance Instructor Utilizing Computer Vision and Personalized Learning Paths 🔗

Tensorflow | Pose detection model | React | Python

- Developed a React web app using TensorFlow for real-time pose estimation, achieving 95% accuracy in tracking user movements.
- Generated **3000+** LinkedIn impressions, demonstrating strong interest and user engagement potential.

GostWatch: Terraform-Deployed Honey Tokens on AWS with Real-time Alerts with Slack Notifications 🔗

AWS | Terraform | GitHub | GitGaurdian | Slack

- Implemented honey tokens using AWS and Terraform for enhanced security
- Deceptive access credentials to identify attackers, detecting 99% of unauthorized attempts.
- Real-time Slack alerts, reducing incident response times to under 1 minute.

PeerMeet: React-Powered Video Conferencing App with Real-Time Communication 🔗

React | AWS | Firebase | WebRTC | Tailwind CSS

- Developed a React.js and WebRTC video call app supporting 50 concurrent streams within a 50GB bandwidth limit.
- Automated AWS deployment with CI/CD and Docker, achieving 50% faster deployments.
- Implemented AWS WAF, successfully mitigating 98% of web attacks.

CarbonFix: React-Based Platform Leveraging Solana CLI for Carbon Credit Management 🔗

React | Solana CLI | MetaPlex | AWS | Blockchain

- Leveraged Solana CLI and MetaPlex to create a secure and scalable system, achieving transaction speeds under 400 milliseconds and reducing environmental impact by allowing users to trade carbon credits efficiently.
- Integrated AWS for robust backend support, ensuring 99.9% uptime and handling up to 10,000 concurrent users.

PROFESSIONAL EXPERIENCE

Lead Developer

Valsco Tech Pvt Ltd. 🔗

12/2023 – 03/2024
Vellore, India

- Orchestrated a team of 9 developers, managing task delegation, conducting code reviews, and driving project management, resulting in a 20% improvement in development speed.
- Accelerated project timelines by 30% through effective leadership and coordination, achieving a 95% client satisfaction rate with successful delivery of 2 projects.

Freelance Full-Stack Developer

Cllasify Pvt Ltd. 🔗

05/2023 – 08/2023
Kolkata (Remote)

- Spearheaded end-to-end development and deployment of a React JS web application with Firebase backend, successfully reducing deployment time by 40%
- Enhanced school management efficiency by enabling authentication, student enrollment, group messaging, and attendance tracking features, resulting in a 50% reduction in administrative workload.

CERTIFICATES

- AWS Certified Cloud Practitioner 🔗
- Applied Data Science Powered by Google Developers 🔗