

Kowshik P

✉ kowshik734boss@gmail.com — 📞 +91- 9791274473 — 🔗 LinkedIn — 🐙 GitHub — 🌐 Portfolio — 📅 Jul 27, 2003

SKILLS:

Programming Languages: Python, R, JavaScript, HTML/CSS

AI/ML Frameworks: TensorFlow, PyTorch, Keras, Scikit-learn, HuggingFace Transformers, OpenCV, YOLO, FastAI

Development & Tools: AWS, Google Cloud, Docker, Git, MongoDB, Django, FastAPI, REST APIs

Databases: SQL, MySQL

PROJECTS:

AI-Driven Digital SmartBoard (Python, TensorFlow, OpenCV, FastAPI)

Built an interactive whiteboard integrated with AI models (Gemini 2.0, Llama-3.3-70B-Versatile, Groq). Implemented real-time visual analysis and chatbot assistance. Reduced student query resolution time by 50% and won 1st place at TechFusion National Level Project Expo.

AI-Powered Recipe Finder (Python, NLP, Streamlit)

Designed an NLP-based recipe engine with dietary customization and allergen filters, increasing relevant results accuracy by 30% and user engagement by 25%.

GPT-2 Model Implementation (Python, TensorFlow, Google Colab, NLP)

Engineered a custom GPT-2 with multi-head attention, gradient checkpointing, and mixed-precision training. Boosted inference speed by 35% and lowered memory usage by 40%.

ATS Resume Analyzer (Python, Gemini AI API, Streamlit)

Developed an AI-driven resume parser that extracts key skills and matches job descriptions, reducing recruiter screening time by 60%.

PROFESSIONAL EXPERIENCE:

Zoho - Creator Developer (Jun 2024 - Jul 2024)

- Developed and deployed 5+ Zoho Creator applications, automating manual workflows and saving clients an average of 10 hours/week.
- Researched and integrated industry trends, boosting platform adoption and improving delivery turnaround by 20%.

Intel Corporation - Student Trainee (May 2024 - Jul 2024)

- Built a Customized AI Kitchen for India under Intel Unnati, addressing real-world culinary challenges using AI.
- Developed an AI-powered recipe generator that recommends dishes based on available ingredients, improving meal planning efficiency by 40%.
- Tailored AI models for Indian culinary preferences, increasing recipe relevance and user satisfaction by 35%.
- Gained hands-on industrial training experience, applying AI concepts in a practical setting and accelerating prototype development by 30%.

Virran Tech Solutions - Backend Developer (May 2024 - Jun 2024)

- Engineered REST APIs and integrated server-side logic, improving system performance and reducing latency by 30%.
- Collaborated with frontend and QA teams, resolving 95% of identified bugs pre-release and cutting post-deployment incidents by 40%.

EDUCATION:

Bachelor's Degree in Computer Science (AI and Data Science)

B.S. Abdur Rahman Crescent University, Chennai — May 2023 - Jun 2026 (Present)

CGPA: 7.87

COMPETITIVE PROGRAMMING:

HackerRank: 5 star Python, 2 star SQL, 4 star Problem Solving

LeetCode: Solved 100+ problems

CodeChef: 87% Python Online Test & Quiz

ACHIEVEMENTS:

- 1st place winner at TechFusion National Level Project Expo for AI-Driven Digital Smartboard (5,000 INR).
- Won 1st place in the Spectron Hackathon on Accident Emergency Solutions (5,000 INR).
- Special Mention Award at VORTEX Hackathon 2025 by IEEE Student Branch.
- 2nd place in HackEra'25 24hrs Hackathon (15,000 INR).
- 1st place and Best Business Pitch in Nexathon'25 24hrs Hackathon (15,000 INR).

CERTIFICATIONS:

AWS Certified Cloud Practitioner / AWS — DSA Essentials / LetsUpgrade — Cloud Computing / IBM — Python / CognitiveAI — MongoDB / MongoDB — Docker Certified Associate (2024) — Full-Stack Open (University of Helsinki) (2024)