KUSHAL K

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SUMMARY

BCA student with hands-on experience in AI/ML, data analysis, and business software systems. Completed multiple internships across artificial intelligence, cybersecurity, and IT operations. Built real-world projects including AI chatbots, face recognition systems, and full-stack web applications. Strong foundation in Python, backend development, and applied machine learning with a focus on building practical, scalable solutions.

SKILLS

Programming	Python, JavaScript, C, C++, Java
Web	HTML, CSS, Node.js, Express.js
Databases	MySQL, MongoDB
AI / ML	Machine Learning, LLM basics, OpenCV, Data preprocessing
Tools	Git, GitHub, APIs, VS Code

EXPERIENCE

Business Systems & IT Operations Associate   July 2025 – Present
VT & GALPK Pvt Ltd, Bengaluru

- Worked on digital business systems supporting GST, PF, ESI, and Income Tax workflows.
- Handled structured data processing, validation, and system-based documentation.
- Assisted in web-based form workflows, digital submissions, and compliance tracking systems.
- Supported error identification, data consistency, and day-to-day operational IT processes.
- Gained exposure to real-world business software environments and enterprise-style platforms.

Artificial Intelligence Intern   Dec 2025 – Jan 2026
CodeAlpha

- Worked on core AI concepts and applied them to guided problem statements and mini projects.
- Strengthened foundations in machine learning workflows and Python-based AI development.
- Improved technical problem-solving through structured tasks and project execution.

Data Science & Analytics Intern   Dec 2025 – Jan 2026
Future Interns

- Performed data preprocessing, analysis, and basic visualization on real-world style datasets.
- Applied analytical techniques to extract insights and support data-driven problem solving.

Cyber Security Intern   May 2024 – July 2024
Tamizhan Skills

- Assisted in basic vulnerability testing, network audits, and system security analysis.
- Identified potential risks and documented findings with mitigation suggestions.
- Practiced ethical hacking fundamentals and cyber defense techniques.

PROJECTS

AI Chatbot (Python, Gemini API) Built an LLM-powered chatbot capable of generating contextual, human-like responses using Google Gemini API. Implemented API integration, prompt handling, and response processing for real-time interaction.

Real-Time Face Recognition System (Python, OpenCV) Developed a real-time face detection and recognition system for security use-cases using OpenCV and deep learning concepts, including image preprocessing and live camera input.

Payroll Management System (C++) Designed a console-based system to manage employee records and automate salary calculation workflows.

QR Code Generator (Python) Created a utility application to generate QR codes for URLs and text data with automated encoding.

Personal Portfolio Website Built and deployed a responsive portfolio website to showcase projects, skills, and certifications.

EDUCATION

Bachelor of Computer Applications (BCA), Srinivas University, Bangalore 2023–2026
CGPA: 9.17 (Current)

CERTIFICATIONS

Artificial Intelligence Virtual Internship — CodeAlpha (with LOR)
Basics of Artificial Intelligence: Learning Models — UniAthena (Cambridge IQ)
AI Agent Builder Workshop — BotCampus AI
IBM Artificial Intelligence Fundamentals
Full Stack Development Master Class

ACTIVITIES & ENGAGEMENT

- Active member of Google Developer and NVIDIA Developer communities.
- Regularly build and publish technical projects on GitHub.
- Participate in technical workshops and hands-on learning programs.