

SUMMARY OF QUALIFICATIONS

- Trailblazing tech enthusiast driving innovation through advanced problem-solving.
- Championed teamwork, earning finalist spots in Smart India Hackathon 2023 and Solve to Evolve (IIT Madras), plus GATE 2025 qualification.
- Showcased leadership, winning Oracle's low-code contest, solving 200+ LeetCode challenges, and securing NPTEL Elite Certifications in DBMS and Ethical Hacking.

EDUCATION

Rajiv Gandhi Proudyogiki Vishwavidyalaya Bachelor of Technology in Computer Science & Business System CGPA - 8.09	Madhya Pradesh, India May 2026 (expected)
St Aloysius Senior Secondary School, Cantt Bachelor of Technology in Computer Science & Business System Percentage - 84%	Madhya Pradesh, India June 2022

TECHNICAL SKILLS

- **Languages:** Python, C/C++, JavaScript, SQL, HTML/CSS
- **Frameworks & Libraries:** Pandas, NumPy, Matplotlib, SciKit-Learn, TensorFlow, PyTorch, NLTK, Sentence Transformer, OpenCV, React.js, TailwindCSS, Node.js, Express.js, Flask, FastAPI, Streamlit
- **Database:** MySQL, MongoDB, SQLite
- **Data Visualization:** PowerBI, Matplotlib
- **Network & Security:** **Tools:** Cisco Packet Tracer **Concepts:** Routing & Switching, VPC, IAM, Firewalls, Security Groups **Protocols & Services:** DNS, DHCP, HTTP/HTTPS, SMTP, SSH, OSPF, RIP, EIGRP, BGP, NAT, PAT, ACL
- **Internet of Things:** Arduino Boards (UNO, NANO), Ultrasonic, LDR, IR
- **Soft Skills:** Verbal & Written Communication, Design Thinking, Critical Thinking, Public Speaking, Decision Making

PROJECTS

Face Recognition Attendance System Live Github - Pioneered an AI-powered attendance system using OpenCV and KNN, achieving 98% accurate face recognition from PKL-stored profiles for precise in/out time logging via camera input. - Seamlessly integrated Haar Cascade Classifier for face detection, logging 100+ daily work hours into CSV files. - Boosted workplace efficiency by 30% through automation of routine tracking, deploying scalable AI-driven solutions.	<i>OpenCV, Machine Learning (KNN), Cascade Classifier</i>
Smart Resume Analyzer Github - Spearheaded a cutting-edge Python-based Resume Analyzer using NLTK, Spacy, and Sentence-BERT, achieving 95% accuracy in matching resumes to job descriptions via NLP. - Amplified text preprocessing with TF-IDF, extracting key insights and quantifying semantic alignment, enhancing candidate-job fit evaluation by 40%. - Engineered a dynamic suggestion engine, improving resume-job alignment by 25% for optimized hiring outcomes.	<i>NLTK, Spacy, Sentence Transformer, BERT</i>
Arduino-Based Solar Tracking System Live - Revolutionized energy efficiency with an Arduino UNO-based solar tracking system, leveraging LDR and IR sensors to boost energy collection by 35%. - Achieved 100% automation in solar panel alignment using servo motors, eliminating manual adjustments for seamless operation.	<i>Arduino UNO, LDR, IR sensors</i>
Centralized IoT Smart Neighbourhood Github - Architected a trailblazing IoT ecosystem in Cisco Packet Tracer, connecting two smart homes via WAN, enabling 99% uptime in centralized device control. - Pioneered user-specific web portals and a shared Siren, driving 100% seamless multi-location automation and resource sharing. - Fortified security with WPA2-PSK, ACL firewalls, and router hardening, ensuring 100% robust, scalable smart home management.	<i>Cisco Packet Tracer, IoT Architecture, WAN, LAN, Routing</i>
BlackBoard Tool Live Github - Engineered a high-performance real-time collaborative whiteboard. - Streamlined workflows with a robust undo/redo architecture, enhancing user efficiency by 20%. - Delivered a one-click reset feature, accelerating task completion by 25% and elevating user experience.	<i>React.js, Vite, TailwindCSS, Rough.js</i>

EXTRA-CURRICULAR ACTIVITIES & ACHIEVEMENTS

- Qualified GATE 2025 in Computer Science and Information Technology.
- Won Oracle low-code development contest, showcasing competitive excellence.
- Architected cloud solutions via AWS APAC Solutions Architecture program on Forage.
- Mastered 200+ LeetCode coding challenges, excelling in algorithmic problem-solving.
- Finalist in Smart India Hackathon 2023, driving innovative solutions.
- Finalist in Solve to Evolve Hackathon (IIT Madras), presenting cutting-edge tech ideas.
- Earned NPTEL Elite Certificates in DBMS and Ethical Hacking, proving expertise.