

TEJESH

FULL STACK DEVELOPER | IOT ENGINEER | AI&ML ENTHUSIAST | IEEE COMMUNITY MEMBER
[Gmail](#) | +91 7200766141 | [LinkedIn](#) | [LeetCode](#) | [GeeksForGeeks](#) | [CodingNinjas](#) | [GitHub](#)

SUMMARY

Motivated Computer Science and Engineering student with strong skills in Java, C++, SQL, and Spring Boot. Experienced in full-stack development, microservice architecture, and AI-driven applications. Successfully built and managed projects including a Microservice-based Job Portal, Smart Agro Storage System, and Bug Tracking System. Proficient in frontend technologies (HTML, CSS, JavaScript, React) and backend frameworks. Passionate about problem-solving, backend engineering, and system design, with a growing interest in cloud deployment and security (JWT, AWS). Active IEEE member and hackathon participant dedicated to creating impactful, real-world solutions.

PROFESSIONAL EXPERIENCE

Full Stack Development Intern | Pratinik Infotech *(Apr 2025 – Jun 2025)*

- Deployed a Microservice-based Blog Management System using Spring Boot, MongoDB, and React.js.
- Implemented user authentication, CRUD operations, and API Gateway integration for microservice communication.
- Gained hands-on experience in RESTful API design, backend development, and deployment workflows.

Data Science Trainee | Internshala Trainings (IITM Pravartak Certified) *(May 2025 – Jun 2025)*

- Completed an 8-week intensive Data Science training, covering Data Analysis, Machine Learning, and Predictive Analytics.
- Worked on real-world datasets for AI in Data Science and Capstone projects.
- Learned Python-based Data Visualization, Feature Engineering, and Model Evaluation techniques.

PROJECTS

AI-ML & IoT Developer | Smart Water Flood Warning System Project (2025)

- Designed a water level sensor module to predict potential flood risks.
- Developed an AI-ML-based camera system using ESP32-CAM for real-time object and human detection.
- Integrated data analytics to improve flood prediction accuracy and response efficiency.

Software & IoT Developer | Smart Agro Storage Project (2024)

- Designed a solar-powered smart storage system for agricultural products.
- Integrated DHT11 IoT sensors for continuous monitoring of temperature and humidity.
- Enhanced system automation for energy-efficient and climate-controlled crop storage.

AI Engineer | Intelligent Mining System Prototype (2025)

- Created an AI-based computer vision platform for autonomous mining operations.
- Executed modules for mineral detection, safety hazard monitoring, and environmental compliance.
- Focused on optimizing real-time image analysis and data-driven decision making in underground environments.

Machine Learning Developer | Amazon Product Review Sentiment Analysis (2025)

- Built a Machine Learning model to analyse and classify Amazon product reviews based on sentiment.
- Applied Natural Language Processing (NLP) techniques for text preprocessing and feature extraction.
- Improved sentiment prediction accuracy using logistic regression and neural network models.

SKILLS

- Languages: Java, C++, Python, SQL, JavaScript
- Frameworks & Tools: Spring Boot, React.js, Node.js, Express.js, Maven, Git, GitHub.
- Databases: MongoDB, MySQL, Firebase.
- AI & ML : OpenCV, TensorFlow, scikit-learn, NLP, Computer Vision.
- IoT Development: Arduino, ESP32-CAM, DHT11 Sensor Modules.
- Cloud & Security: AWS (Basics), JWT, API Gateway, Render Deployment.
- Others: Tally, Tally Prime, MS Excel, PowerPoint

ACHIVEMENTS

- Winner of IDEATHON in 2nd place in Pondicherry University.
- Solved More than 400 problems in LeetCode & 300 problems in GeeksforGeeks
- Finalist in SNS Oblivion 30-hour Hackathon, recognized for building a creative and impactful project under time constraints.
- Ninja Dominator League participant in Coding Ninjas, demonstrating strong competitive coding skills.

EDUCATION

Bachelor of Technology in COMPUTER SCIENCE & BUSINESS SYSTEMS (3rd Year) (2023 – 2027)
At Sri Krishna College Of Engineering & Technology , Coimbatore.

[Current CGPA – 8.2 & Current SGPA – 8.33 (Out of 10)

ADDITIONAL INFORMATION

- * Language Known in Tamil , English , Hindi and Japanese (Basic).
- * NPTEL Certifications in JAVA , DBMS ,Emotional Intelligence.
- * Linkedin Certification in Artificial Intelligence.
- * Solved GFG 160-days of Problem Solving.
- * MicroSoft Certified in Azure Fundamentals.
- * Internshala Training with in Data Analytics.