

GANTA MUKESH

+91 9347754573 [✉ mukeshganta167@gmail.com](mailto:mukeshganta167@gmail.com) [in LinkedIn](#) [Github](#)

OBJECTIVE

Final-year Computer Science student specializing in Software and Web Development with strong skills in Python, Java, JavaScript, React.js, Node.js, and Express.js. Experienced in building full-stack web applications and RESTful APIs, integrating cloud and database solutions using AWS and MongoDB. Skilled at using AI tools to accelerate web application development and optimize productivity. Passionate about writing efficient, scalable code and delivering innovative software that solves real-world problems. Actively share technical knowledge via [YouTube](#) and [Instagram](#).

EDUCATION

B.Tech in Computer Science - Artificial Intelligence, PBR VITS, Kavali **Expected 2026**
CGPA: 8.54/10 Andhra Pradesh, India

Intermediate (MPC), Vijetha Junior & Degree College **2020 – 2022**
Percentage: 84.4% Andhra Pradesh, India

SSC, Abhyasa E.M. High School **2019 – 2020**
Percentage: 98% Andhra Pradesh, India

SKILLS

Programming Concepts	Python, Java, JavaScript, C++ (Basic), HTML, CSS
Frameworks / Libraries	React.js, Node.js, Express.js, Bootstrap, NumPy, Pandas, OpenCV
Databases	MongoDB, MySQL
Developer Tools	Git/GitHub, VS Code, Google Colab, Anaconda, Jupyter Notebook
Cloud	AWS (EC2, S3, Lambda, CloudFormation)
Other Skills	Data Structures, Algorithms, OOP, DBMS, Linux/Unix, Agile Methodologies

EXPERIENCE

Genz Educate Wing — AI Intern — Virtual **May 2025 – June 2025**

- Built a real-time object detection system using YOLO and OpenCV in Python, achieving 95% detection accuracy on the test dataset.
- Enhanced dataset preprocessing and model deployment workflows, improving processing efficiency by 20%.
- Collaborated with a remote AI-focused team to implement feature updates and resolve model performance issues.

SmartBridge Educational Services — AWS Cloud Practitioner Intern — Virtual **June 2025 – Aug 2025**

- Executed hands-on AWS projects covering core services, security, monitoring, and deployment; earned Cloud Practitioner and Essentials badges.
- Improved cloud resource efficiency by 20% through cost monitoring and automation practices.
- Applied best practices for cloud architecture and automated deployment scripts for small-scale applications.

PROJECTS

- **YOLO Object Detection:** Engineered a real-time object detection system using the YOLO algorithm with OpenCV and Python, achieving 95% test accuracy.
- **MediTrack:** Developed a full-stack health management web app integrated with AWS services (SNS, DynamoDB) for medicine tracking, document uploads, and secure user management.
- **Learnweave:** Created a collaborative coding platform with an AI-powered placement page; includes mock tests, personalized roadmaps, resume builder, and ATS checker.
- **Air Quality Checker:** Built a web app using HTML, CSS, JavaScript, and APIs to display live air quality metrics with automated alerts.
- **AI FIR Analysis:** Designed an AI/ML-based FIR analysis tool to predict crime types and identify patterns, improving investigation efficiency by 30%.
- **E-Rail-ID:** Developed a BLE-based railway ticket verification system using Android and Jetpack Compose to ensure secure offline ticket validation and reduce fraud.

CERTIFICATIONS & ACHIEVEMENTS

- **AWS Certified Cloud Practitioner (2025)** – Gained foundational knowledge of cloud services, security, and deployment best practices.
- **Kaggle Intro to Programming Certificate (2024)** – Completed Python programming and data science fundamentals.
- **Be10x AI Tools Workshop (2025)** – Hands-on experience with AI tools and frameworks, applying them in small projects for automation and web development.
- **Artificial Intelligence Internship (2025)** – Developed AI models for object detection and predictive analytics, achieving 95% accuracy.
- **Hackathon Participation & Event Organization (2024 – Present)** – Won 2nd place in CodeClash college hackathon; participated in HackPrix and CodeEdTech by Innomatics Research Labs; organized the TECHNOVA Web Designing event, demonstrating leadership and teamwork.
- **Technical Content Creation (2025 – Present)** – Producing programming tutorials and AI insights on YouTube and Instagram, showcasing communication and knowledge-sharing skills.