

ABHISHEK KUMAR

Software Engineer

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- 3rd-year Computer Science (AI & ML) student with hands-on Python and AWS cloud computing experience supporting scalable backend services
- Developed responsive web interfaces and modular CSS in agile sprints, ensuring cross-device compatibility and clean code standards
- Implemented server-side features leveraging Python and AWS services, improving deployment efficiency by about 20%

EDUCATION

Gandhi Institute of Engineering and Technology University | Gunupur

B. Tech, CSE, 8.48 GPA

Sree Ayyappa Public School

+2 Science, 81.6% GPA

Sree Ayyappa Public School

10th, 87.8% GPA

PROJECT

- Developed a responsive weather web application using HTML, CSS, JavaScript, and public APIs to display real-time weather data, forecasts, temperature, humidity, wind speed, and weather alerts.
- Designed and developed a user-friendly Resume Builder tool that simplifies creating professional and customized resumes.
- Built an interactive Rock Paper Scissors game leveraging Python, OpenCV, and MediaPipe for real-time hand gesture recognition.
- Built a machine learning model to identify fraudulent credit card transactions, handling class imbalance and improving anomaly detection accuracy.

WORK EXPERIENCE

Bharat Intern

Web Development Intern (Internship)

- Developed responsive web pages using HTML, CSS, and JavaScript, optimizing cross-browser compatibility and performance.
- Delivered web pages on schedule, maintaining modular code structure and responsive design standards.

Hebdale's Academy

Programmer Intern (Internship)

- Implemented backend features in Python using AWS cloud services to support scalable application components.
- Collaborated in agile sprints using Git version control, automated testing, and CI/CD deployment workflows.
- Contributed to database schema design and maintenance for cloud-hosted applications, ensuring data integrity and accessibility.

ACHIEVEMENTS AND CO-CURRICULAR ACTIVITIES

- Directed a team to design and implement an AI-driven Home Inventory Management System enabling automated and efficient inventory tracking; awarded Good Computing Team – 2 at the Agentic AI Hackathon (GIETU University, Sept 2025).
- Cyber-Yaan: Participated in a 3-day Cyber Security Workshop, gaining exposure to cybersecurity fundamentals, threats, and basic security practices.
- Programmer Learn-a-thon 4.0: Led a team in Learn-a-thon 4.0 and developed a machine learning model to predict hospital readmission risk for patients with chronic conditions, emphasizing data preprocessing, feature engineering, and model evaluation.
- Lead a team in Hacknovation 2.0 at GIET University, Feb 2026 where we worked on the problem statement AI-Driven Real-Time Patient Queue & Appointment Optimization Platform and build an AI-powered, real-time patient flow optimization system that predicts, adapts, and recommends optimal scheduling decisions continuously and secured 3rd position in HealthTech

CERTIFICATIONS

The Joy of Computing using Python

NPTEL

GenAI-Powered Data Analytics Virtual Experience

Tata (Forage)

Google Cloud Digital Leader Certification

Industrial IoT 4.0

NPTEL

SKILLS

Programming & Web Development: Python, JavaScript, HTML/CSS, RESTful APIs, Responsive Web Design

Cloud & DevOps: AWS, Git Version Control

AI & Foundations: Machine Learning, Data Structures & Algorithms, Systems Thinking

Agile & Collaboration: Problem Solving, Communication, Resilience