

ANEESWA CHOWDHURY

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EDUCATION

Bachelor of Technology in Computer Science and Engineering

Vellore Institute of Technology, India

Expected 2026

CGPA: 8.47/10.0

WORK EXPERIENCE

Tech Support Intern, TRIGREDGE

Remote

- Provided technical troubleshooting and resolved software and platform-related issues.
- Documented support workflows and improved user response efficiency.
- Collaborated with development teams to diagnose system bugs and escalate issues.

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, HTML5, CSS3, SQL

Databases & Cloud: MySQL, MongoDB, Oracle Cloud Infrastructure, AWS

Tools & Methods: Git, GitHub, VS Code, Jupyter

Specializations: Machine Learning, AI, Data Science, Full Stack Development, IoT

PROJECTS & TECHNICAL EXPERIENCE

Weather Forecast Website

HTML, CSS, JavaScript, API Integration

- Built a responsive weather platform using HTML5, CSS3, JavaScript, and OpenWeatherMap API.
- Implemented geolocation-based weather data, dynamic visuals, and real-time updates.

Parkinson's Disease Detection System

Python, Machine Learning

- Developed ML models (SVM, Logistic Regression) to classify Parkinson's disease based on extracted vocal and acoustic biomarkers.
- Built a preprocessing and evaluation pipeline including normalization, feature selection, and performance analysis using ROC curves and confusion matrix.

IoT Water Quality Monitoring System

React.js, IoT, Full Stack

- Built an end-to-end IoT solution with sensor integration, React dashboard, and ML prediction.
- Implemented real-time visualization, interactive charts, REST APIs, and responsive UI.
- Added an NLP-driven chatbot to explain water quality insights to users.

CERTIFICATIONS & ACHIEVEMENTS

- **Oracle Cloud Infrastructure 2025 Foundations Associate:** OCI services, networking, identity, security.
- **AWS Solutions Architect Associate:** Cloud architecture and scalable system design (Certificate Link)
- **MongoDB Database Administrator:** DB management, performance tuning (Certificate Link)

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

- **Social Media Co-Lead, iOS Club:** Led marketing for multiple events, improving engagement significantly.
- **Marketing Manager, OWASP Club:** Managed cybersecurity awareness campaigns for student members.

ADDITIONAL INFORMATION

Languages: English (Fluent), Bengali (Native), Hindi (Fluent)