

ANEESWA CHOWDHURY

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EDUCATION

Bachelor of Technology in Computer Science and Engineering	Expected 2026
VIT Bhopal University, Madhya Pradesh, India	CGPA: 8.46/10.0
Higher Secondary (XII): DPS Ruby Park, Kolkata	88% — 2022
Secondary (X): BSS School, Kolkata	89.4% — 2020

TECHNICAL SKILLS

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

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

Tools: Git, GitHub, VS Code, Jupyter

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

Soft Skills: Leadership, Project Management, Problem Solving

PROJECTS & TECHNICAL EXPERIENCE

Weather Forecast Website *HTML, CSS, JavaScript, API Integration*

- Built responsive weather application using **HTML5, CSS3, and JavaScript** with **OpenWeatherMap API integration**
- Implemented geolocation services, dynamic weather visualization, and responsive design with real-time data fetching([Link](#))

Parkinson's Disease Detection System *Python, Healthcare AI*

- Developed **SVM/Logistic Regression** model analyzing **22+ voice biomarkers** achieving **94% sensitivity**
- Designed **telemedicine integration** architecture for **early-stage disease detection** and **remote monitoring**

IoT Water Quality Monitoring System *React.js, IoT, Full Stack*

- Created comprehensive **end-to-end IoT platform** with **sensor integration, React.js dashboard, and ML prediction (91% accuracy)**
- Implemented **real-time data visualization, interactive charts, REST APIs, and responsive web design** architecture
- Integrated **NLP chatbot** using **natural language processing** for intelligent **water quality interpretation** and user guidance([Link](#))

CERTIFICATIONS & ACHIEVEMENTS

- **Oracle Cloud Infrastructure 2025 Foundations Associate:** OCI core services, networking, security best practices
- **AWS Solutions Architect Associate:** Cloud architecture design and scalable systems deployment ([Certificate Link](#))
- **MongoDB Database Administrator:** Database management, performance optimization, deployment strategies ([Certificate Link](#))
- **HackerRank Python Certification:** Python development and problem-solving ([Link](#))
- **Coursera Network Fundamentals:** TCP/IP, DNS troubleshooting ([Link](#))

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

- **Social Media Co-Lead, iOS Club:** Led marketing for 5+ events, increased engagement by 40%
- **Marketing Manager, OWASP Club:** Managed cybersecurity campaigns for 200+ members
- **Technical Member, Insights Club:** Organized tech workshops for 100+ participants

ADDITIONAL INFORMATION

Languages: English (Fluent), Bengali (Native), Hindi (Fluent) • **Interests:** Software Development, ML, Cloud Computing

Availability: Open to full-time opportunities, internships, and collaborative projects