

# ANEESWA CHOWDHURY

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## EDUCATION

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

## 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

<b>Weather Forecast Website</b>	<i>HTML, CSS, JavaScript, API Integration</i>
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- 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](#))

<b>Parkinson's Disease Detection System</b>	<i>Python, Healthcare AI</i>
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- Developed **SVM/Logistic Regression** model analyzing **22+ voice biomarkers** achieving **94% sensitivity**
- Designed **telemedicine integration** architecture for **early-stage disease detection** and **remote monitoring**

<b>IoT Water Quality Monitoring System</b>	<i>React.js, IoT, Full Stack</i>
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- 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