

AISHWARYA SHAMRAO KHOT

CSE (Data Science)

✉ aishwaryakhot30@gmail.com | [Aishwarya LinkedIn](#) | [Aishwarya GitHub](#)

Results-driven Computer Science (Data Science) student with a comprehensive skill set spanning **data science** (NLP, AIML, DL), **full-stack development**, **data analysis** (Power BI, SQL) and **cybersecurity principles**. Proven ability to lead end-to-end projects, delivering measurable impacts including 70% faster processing and 98% model accuracy. Seeking to apply versatile technical expertise to solve complex, cross-domain challenges.

TECHNICAL SKILLS

- **Programming & Query Languages:** Python, SQL, JavaScript
- **AI/ML & Data Science:** NLP, Transformer Models (BERT, RoBERTa), Computer Vision, Deep Learning, DSA(Basics)
- **Data Analysis & Visualization:** Power BI, Tableau, MySQL, Advanced Excel
- **Web Development:** Django, React.js, HTML, CSS
- **Cybersecurity:** Wireshark, Nmap, Burp Suite, SQL Injection, VAPT Basics

WORK EXPERIENCE

Data Analytics Intern | Team Lead | UptoSkills

June 2025 – September 2025

- **Selected as Team Lead** for a group of 15 interns, overseeing the end-to-end data analysis workflow from data cleaning and transformation to visualization and reporting.
- Orchestrated the development of interactive **Power BI dashboards**, translating complex sales and revenue datasets into actionable business intelligence, which **reduced manual data effort by 50%**.
- **Mentored and guided** team members on best practices for data validation and visualization, ensuring the accuracy and quality of all deliverables.
- **Awarded "Intern of the Month"** in recognition of outstanding leadership, technical excellence, and the successful delivery of a high-impact project.

Deloitte (Virtual Internship) | Remote

June 2025

- Engineered a Tableau dashboard for Machine Downtime Analysis, reducing delays by 30% and boosting equipment uptime by 25%

PROJECTS

Illicit Content Detection System

Sept 2025 - Present

- **Engineered** a multi-modal AI system leveraging **BERT, RoBERTa**, and **ViT** to automatically detect hate speech, cyberbullying, and explicit content across text, images, and videos.
- **Targeting 90%+ accuracy** to reduce manual moderation effort by **60%** through real-time risk scoring and actionable insights.
- **Architected** to process diverse data inputs at scale, significantly accelerating content review pipelines.

AI-Powered Document Verification :

Jan 2025- May 2025

- **Automated** multilingual document processing using **rule-based NLP** and **Django**, achieving **98% accuracy** in data extraction.
- **Slash** verification time by **70%** (48hrs → 15min) by optimizing **MySQL** workflows for **10,000+ documents**.
- **Engineered** a real-time admin dashboard for HR teams to monitor verification status and analytics.

Farmers' Direct Market Access Platform |:

Aug 2024 - Oct 2024

- **Eliminated intermediary commissions** by connecting **1,200+ farmers** directly with buyers through a full-stack **Django** platform, **increasing farmer profits by 30%**.
- **Engineered** a real-time crop disease classifier using **Python ML**, integrated with **Power BI** analytics for data-driven pricing insights, **cutting transaction time by 40%**.
- **Won "Best Social Impact Project"** at Smart India Hackathon for developing this scalable agricultural solution.

EDUCATION

- **B.E. in Computer Science & Engineering (Data Science)** | Saraswati College of Engineering, Kharghar
Expected 2026 | CGPA: 9.14/10
- **Higher Secondary Certificate (HSC)** | B.N. Bandodkar College of Science, Thane
2022 | Distinction
- **Secondary School Certificate (SSC)** | ASP Convent English High School, Ghansoli
2020 | 85%

LEADERSHIP & ACHIEVEMENTS

- **Female Leader** - National Service Scheme (NSS): Led 50+ volunteers in social initiatives including blood donation camps, mangrove cleanups, and women empowerment sessions
- **Documentation Head** - Data Science Student Association: Created and maintained all technical documentation for 200+ member organization
- **Class Representative:** Served as liaison between faculty and 70+ students (2022-Present)
- **Core Member - Coding Club:** Organized hackathons and programming workshops for 100+ students
- **Katalyst Volunteer:** Contributed to tech fest organization and management
- **Professional Member:** International Code Council (ICC) & Computer Society of India (CSI)
- **Industry Mentorship:** Mentored by Siemens Chief Manager and Accenture executives via Katalyst program, receiving guidance on career strategy.
- **Volunteer Leader:** Led blood donation camps, Women Empowerment sessions, Orphanage visits, and Environmental cleanup drives (Mangrove), Hackathons
- **Industry Trainee:** Completed cybersecurity training with Data Security Council of India (DSCI)

ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Marathi
- **Certifications:** Udemy- Python Developer, DSA using C and C++, Aptitude and Technical Training by Campus Credentials.
- **CyberSecurity Training:** DSCI (Data Security Council of India)
- **Competitions:** Qualified for SIH, Participated in Code Crafter Hackathon
- **Industry Exposure:** Godrej, TCS, Morgan Stanley