# Eyashita Singh (she/her)

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## EDUCATION

**Vellore Institute of Technology, AP, India**                                    **Aug. 2020 – Present**
BTech. Computer Science Engineering with Data Analytics Specialization (8.89 CGPA)
**St Peter's Senior Secondary School, Chandigarh, India**                **Jun. 2019 - May 2020**
XII (CBSE 91.2%)

## UNDERGRADUATE PROJECTS

**Research Paper: Early Detection of Cardio-Vascular Disease with Different Machine Learning Approaches**
- Researched early detection of cardiovascular disease with machine learning, analyzing a dataset of 10,000+ patients
- Developed models using ANN, KNN, Decision Tree, and XGBoost, achieving a 25% increase in mortality rate prediction accuracy

**Visage: Facial Recognition System for Attendance**
- Key Achievement: Conceived and executed a cutting-edge Real-Time Face Recognition Attendance System
- Technologies: Python, Computer Vison, Machine Learning, Database Management, User Interface Design, Dashboard Development using Python

**Smart Mirror Using Raspberry Pi**
- Key Achievement: Improved user experience and convenience by providing real-time information
- Responsibility: Led the entire project lifecycle from concept to execution, including ideation, design, development, and testing with the team
- Technologies: Raspberry pi, Python, Web Technologies such as JavaScript, Data Integration

## EXPERIENCE

**Internship Project (IIT-Guwahati)**                                           **May 2023 - Present**
*Development of data analytics framework for IoT-enabled smart-home*
- Obtained real-time data from diverse IoT smart home sensors in smart home environments
- Managed and securing MongoDB cloud database with maintained data integrity
- Developed a dynamic and intuitive dashboard using Python, enabling users to analyze and visualize smart home data

**Do It Yourself (DIY) Club President, VIT-AP**                              **Aug. 2022 – May 2023**
- Led a team of 10+ in organizing and executing art events, ensuring successful promotion and seamless coordination
- Partnered with more than 4 clubs and organizations to co-host and manage successful events

**Senior Management Business Development, AIESEC**                       **Feb. 2022 – Oct. 2022**
- Conducted market research, devised successful sales strategy, and expanded AIESEC's student outreach by 100+
- Built vital stakeholder relationships, driving collaborative support for AIESEC's objectives
- Orchestrated 'Forge Your Career' fundraiser, yielding 10k+ in revenue for AIESEC

## SKILLS & INTERESTS

- **Skills**: Python, JAVA, R, CSS, HTML, PHP, MySQL, Cassandra, MongoDB, Microsoft Power BI, ML required for Data Analytics, Data Mining, Data Visualization, Communication, Leadership, Risk Analysis
- **Interests:** Supply Chain Management, Technology, Art, Societal Evolution, Healthy Planet/Sustainability, Community Outreach, Theatre, Music and Dance
- **Languages**: English, Hindi, Punjabi
- **Licenses and Certifications:** IBM Certified Data Scientist, Supervised Machine Learning (Standford University), Redis Database Certification, Certified Ethereum Developer