AKSHAT RANA

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LINKEDIN | WEBSITE

Education

• Bachelor of Technology (B.Tech.) in Computer Science and Engineering	Jul 2019 - present
Amity University, Noida, CGPA: **8.69 (6thsem)**	
• AISSCE (Class XII)	Apr 2018 – May 2019
Delhi Public School Ghaziabad Vasundhara**,** Aggregate: **93.85%**	
• AISSE (Class X)	Apr 2016 – May 2017
Delhi Public School Ghaziabad Vasundhara**,** CGPA: **10.0** (scale 10.0)	

Work Experience

ML Engineer Intern | DataOrb   Jun 2022 – Sept 2022

- Engineered the automated NLP system with **98.5%** accuracy for language detection
- Optimized the grammar error detection for the false positive of **1800k** entries
- Enhanced the Named Entity Recognition system with an accuracy of **98.2%**
- Conceptualized and visualized **1500-word associations** using **word embedding** and **clustering**

Co-Founder | EquiCode   Dec 2020 – Dec 2021

- Expanded and strengthened an equitable tech community of **500+** folks
- Collaborated with **20+ industry experts** and **inter-communities** to reach a broadened audience

Community Events Associate | Zubi   Oct 2020 – Dec 2020

- Accelerated and educated the technical community by **20%** upfront audience
- Managed **10+ workshops** and an emerging hackathon leading to the participation of **800+** people

Skills

Technical: Java, C, Python, HTML, CSS, JavaScript (Basic), Git, MySQL
Additional: Adobe Premiere Pro, Adobe XD, Community Development, Teamwork, Leadership

Projects

Refurbished Ecommerce App Optimization   Aug 2021 - present
Python and Kotlin (team size - 2)

- Devised an ecommerce app to buy and sell college books easily using machine learning
- Analyzed and effectively strategized regarding the objective, deadlines, schedule, resource and team coordination
- Collected and organized datasets with 1 million entries for product recommendation and image processing.

Social Distancing and Mask Detection | Link   May 2021 - Jun 2021
Python

- Engineered a social distancing and face mask detection using **Keras, TensorFlow, MobileNet and OpenCV**
- The executed model predicts with **~99%** accuracy with **real-time alerts** on video input

YOLA: notes website | Link
HTML, CSS, JS

- Actualized a web app: YOLA to collect your memories and store them safely
- Programmed personal notetaking with **a user-friendly interface** web format
- Devised an easy note formulated with the **browser's localStorage**

Co-Curricular Activities

- Volunteered to teach class 5th class student for unprivileged students at Kind Beings (Jan 2022 - Mar 2022)
- Co-led the organizing team of Lets Hack 2020, a **36-hour virtual hackathon** for the **Gen-Z leaders**
- Led the Sponsorship Team for Ami-hacks 2021**,** Amity University's virtual hackathon.
- Organized SheTech Student Virtual Conference, 2021 in collaboration with the C# Corner community with **200+** attendees
- Aligned with the Community Student Program (CSP) with C# Corner community
- Facilitated as the Social Media Manager (SMM) with Scholarship Track

Achievements

- Ranked amongst the **Top 10%** and received a **50% Academic scholarship**, Amity University   Jul 2021 – present
- Second Runner-up in Inter Amity Institutions Sports Meet – Hockey, Amity University   Sept 2022 - Oct 2022
- Qualified GATE 2022
- Ranked amongst the **Top 5%** and received a **100% Academic scholarship**, Amity University   Jul 2019 - Jul 2021