ANISHA AGRAWAL

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EDUCATION

IIIT Naya Raipur	**Dec 2020 – July 2024**
*B.Tech - **CGPA** - **9.18***	*Raipur, Chhattisgarh*
Ryan International School	**2019 – 2020**
*CBSE - 12th - **Percentage** - **95.8%***	*Raipur, Chhattisgarh*

TECHNICAL SKILLS

Languages: Python, Java, C/C++, JavaScript, HTML, CSS
Tools: VS Code, Git/GitHub, Docker, AWS, Adobe Illustrator
Libraries: Requests, OpenCV, Numpy, Scipy, Scikit-learn, TensorFlow, Keras, Pandas, Plotly
Technologies/Frameworks: MySQL, React, Node.js, Flask, PyTorch, LangChain, SQS, Spring Boot

EXPERIENCE

Atlassian 🔗   **May 2023 - July 2023**
Software Engineer Intern
- Developed a Slack assistant that leverages vector embeddings for unified search across Slack channels and Confluence pages.
- Targeted at enabling resolution of recurring issues for a prospective user base of 20k.
- Enhanced Opsgenie reporting by incorporating similar alert patterns through internal API and DynamoDB calls, further complemented by SignalFx observability.

Samsung R&D 🔗   **Aug 2022 – April 2023**
PRISM Developer Intern
- Worked on the development of algorithms to generate synthetic data with multiple ways of annotation for Handwritten Text recognition (HTR).
- Used an improved OCR network based on LSTM and brought down GPU usage by 34% using improved optimizer while employing transformer architecture.

PROJECTS

Algopylib 🔗 | Python, MyPy   **May – July 2021**
- ∗ A pip library that contains modules for math functions and algorithms including those of statistics, geometry, combinatorics, and puzzles commonly used by programmers.
- ∗ Has received over **5.3K** user downloads on Python Package Index (PyPI). Link here.

Crime Record Management System 🔗 | MySQL, PHP, HTML, CSS   **Jan – Feb 2022**
- ∗ A database system for maintaining crime records, removing the need for tedious paperwork.
- ∗ Contains functionalities for filing FIRs, and keeping crime, criminal, police stations and officer records.

EXTRACURRICULAR 🔗

GirlScript Summer of Code   **March – Aug 2021**
Contributor
- ∗ Actively contributed to multiple open source projects, made PRs based on Front-End Web Development.

The Society of Coders   **Aug 2021 – Present**
Core Member
- ∗ Organized multiple competitive coding contests where problems were self-brainstormed, helped over 120 students kickstart their coding journey.
- ∗ Lead organizer at various hackathons, including Hack-a-Sol 2.0, the pan India hackathon hosted by IIITNR, and HackManthan - organized with Chhattisgarh Police.

ACHIEVEMENTS

- **2X** Kaggle Expert, **Codechef** - 1689 (3 Star), Global rank of 3358 in Google Kickstart.
- Received INR 25,000 as the 2nd Runner-up at CNI Hackathon 2022 organized by IISc Bengaluru.
- Semi-Finalist at Flipkart GRiD 4.0, among 150,000 registered candidates.
- School Topper in both 10th and 12th grade.
- Received INR 30,000 for securing 2nd position at a national level art competition.