

GUNDLA PRANAV SWAROOP

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Portfolio: <https://biocoderr.github.io/>

Education

M2 Bio-health Engineering in University of Grenoble Alpes - FRANCE

(2019 - 2020)

- **Exchange Program (2nd Year – 40 credits)**
- Funded by IDEX and UGA Foundation.
- Coursework: Biostatistics & Bioinformatics, Biomarkers and In-Vitro Diagnostics, Methods and Means, Micro and Nano Technologies.

Manipal Academy of Higher Education – MSc. Bioinformatics, Karnataka (Manipal)

(2018 - 2019)

- **GPA: 8.3 (1st Year)**
- Coursework: Algorithms & Applications in bioinformatics, Bio-stats, Biocomputing, Database development.

Bharatiya Vidya Bhavans VC of Science, Humanities & Commerce, India (Hyderabad)

– BSc. Maths, Electronics & Computer Science

(2015 - 2018)

- Percentage: 83%;
- Coursework: Numerical Analysis, IOT sensor Usage in real life, Programming (Front-end & Back-end), VHDL, Designing Small scale circuits, Algorithms in Java.

Work Experience

Plantik Biosciences - Bioinformatician

November 2020 - Present

- NGS Data Analysis for *Cannabis Sativa* (Hemp)
- Data Analysis and Visualizations for the Transcriptomics Data
- Building Dockers, working with Google Cloud Platform and creating a Database for *Cannabis Sativa* variety.

Toqqr Technologies – Software Developer

October 2020

- Develop new algorithms for Search Engine Optimizations (SEOs)
- Database for an Over-the Top (OTT) platform for Indian Language media.
- Worked in backend technologies with Spring and Hibernate.

Scholastic Achievements

- 1st position and won Prize money with a team in a hackathon in Bordeaux city (France) conducted by Congr s National Des Pharmaciens.
- 19th position, Osmania University for MSc. Computer Science (State-wide).

Technical Skills

- **Languages:** Python, R, Java (Spring and Hibernate), Perl, C, SQL, HTML, CSS, JS, PHP, Arduino
- **Source Control:** Github, Bitbucket.
- **Containerization:** Docker.
- **Cloud Computing:** Google Cloud Platform (GCP), AWS.
- **Software:** Matlab, R Studio, Sage Math, Android Studio.
- **Operating Systems:** Linux, Mac, Windows.

Extra-Curricular Activities

- NSS: Served for 2 years and achieved the Best Serviceman.

Other Interests: Movies, Photography, Reading, Cooking, Traveling & Music