SUBHAYU KUMAR BALA

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EDUCATION

Calcutta Institute of Engineering and Management, Kolkata

B.Tech in Information Technology (MAKAUT)	CGPA - **7.8**/10	07/2018 - Present

Amrita Vidyalayam, Durgapur

Higher Secondary Education (CBSE)	CGPA - **6.3**/10	05/2016 - 04/2018
Senior Secondary Education (CBSE)	CGPA - **8.4**/10	05/2014 - 04/2016

SKILLS

- **Languages:** Python, Perl, C/C++, Java, SQL, HTML, CSS, JavaScript, BASH, C#
- **Library/Frameworks:** Pandas, Matplotlib, NumPy, OpenCV, Keras, TensorFlow, TensorBoard, Django, Flask, Processing, P5.js
- **Tools:** Docker, Kubernetes, VMs, Jenkins, Git, Blender, Unity
- **Platforms:** Linux (Debian, RedHat based systems), Cloud (Microsoft Azure, GCP)
- **Databases:** MySQL, Postgres, MongoDB, Google Cloud Databases
- **Technologies:** Linux System Administration, Networking, Cyber Security, Cloud Computing, Cloud Networking, Web Development, DevOps, Machine Learning, Data Science

EXPERIENCE

Ardent Computech Pvt. Ltd.

Summer Trainee   06/2019 - 07/2019
- Learned to use **Microsoft Azure cloud services**.
- Implemented **Azure Telemetry Service** to integrate IoT devices with the cloud.

VOLUNTARY EXPERIENCES

CodeChef CIEM

Chapter Lead for Competitive Programming   11/2020 - Present
- We have a total strength of **100+ community members.**
- Till now we have organised **four webinars** and **workshops** for encouraging students to get into **Competitive Programming** and **Open Source** contribution.

DSC CIEM

Graphics Lead   09/2020 - Present
- **Mentored participants** during **Synthax**, an open source event organized by DSC CIEM in Sept 2020.

Tesseract Coding, MLH, XAVA, AerospaceResearch

Open Source Contributor   07/2020 - Present

Contributor's Hack 2020

Participant   08/2020 - 09/2020
- Contributed to **NeoAlgo** project of Tesseract Coding.

AWARDS

- Made a **Flappy Bird** game which was selected as the **best game among 100**+ other game submissions during the **GirlScript Ireland Gaming Booster** program in 2020.   09/2020
- Was selected in the **Cloud Captains** category **among the top 500 applicants** who applied for the **Linux Foundation Training** scholarship program across the globe.   06/2020

PROJECTS

Flappy Bird | Snake Game | Covid HERO | Dog Breed Classifier | TV Script Generator | Azure Telemetry Service | CodeChef-CIEM Website

PUBLICATION

- IS REALITY AN ILLUSION?   01/2021

CERTIFICATIONS & BADGES

- MTA: Introduction to Programming Using Python - Certified 2019   08/2019
- Technical Support Fundamentals   04/2020
- IBM Applied AI Specialization   04/2020
- Google Cloud Badges on Qwiklabs