







SUBHAYU KUMAR BALA

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EDUCATION

Calcutta Institute of Engineering and Management, Kolkata

B.Tech in Information Technology (MAKAUT) CGPA - **8.1/10** 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, Django, Flask, Processing, P5.js, FB Prophet, Streamlit
- **Tools:** Docker, Kubernetes, VMs, Jenkins, Git, Blender, Unity
- **Platforms:** Linux (Debian, RedHat based systems), Cloud (Microsoft Azure, Google Cloud, Heroku)
- **Databases:** MySQL, Postgres, MongoDB, Google Cloud Databases
- **Technologies:** Linux System Administration, Networking, Cyber Security, Cloud Computing, Web Development, DevOps, Machine Learning, Data Science
- **Other skills:** Project Management, Strategy Formulation, Strong written and verbal communication skills, Proactive listening, Teamwork, Open mindedness, Creative Thinking, Confidence, Excellent problem solving skills, SDLC, OOPs

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 cloud.

VOLUNTARY EXPERIENCES

CodeChef CIEM

Chapter Lead 11/2020 - 06/2021

- Guided and mentored a total of **100+ community members**.
- Organised **4+ webinars** and **workshops** for encouraging students to get into **Competitive Programming** and **Open Source** contribution.

DSC CIEM

Core Team Member 09/2020 - 06/2021

- Organised **more than 7 events** and **workshops** on Computer Science topics with the help of other club members.
- Mentored **7 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

- Revamped and added features to some Open Source projects of these organisations.

AWARDS

- Designed and developed 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

CERTIFICATIONS & BADGES

- Introduction to Linux System Administration 06/2021
- 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