







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, TensorBoard, Django, Flask, Processing, P5.js
- **Tools:** Docker, Kubernetes, VMs, Jenkins, Git, Blender, Unity
- **Platforms:** Linux (Debian, RedHat based systems), Cloud (Microsoft Azure, Google Cloud)
- **Databases:** MySQL, Postgres, MongoDB, Google Cloud Databases
- **Technologies:** Linux System Administration, Networking, Cyber Security, Cloud Computing, Web Development, DevOps, Machine Learning, Data Science
- **Human skills:** Project Management, Strategy Formulation, Strong written and verbal communication skills, Proactive listening, Teamwork, Open mindedness, Creative Thinking, Confidence, Excellent problem solving skills

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