J Aditya Abhiram

Roll No.:170002021

B.Tech - Electrical Engineering

Indian Institute Of Technology Indore

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology Indore	8.12	2017
Senior Secondary	Board of Secondary Education, AP	97.2%	2015
Secondary	CBSE Board	10.00	2013

EXPERIENCE

- **PranavaEET** — *May 2018 - June. 2018*, Hyderabad
  Software developer - Summer Intern
  – Understand and use Blender's python API to procedurally generate 3D models for an Australian client.
  – Integrating the code to Apache server using PHP.

PROJECTS

- **Motion Matching Implementation for Godot Engine** — *May. 2019 - August. 2019*, Github
  Godot Engine, Google Summer of Code 2019
  – Understand and get used to Godot Engine's codebase.
  – Choose and understand the algorithm to use.
  – Implement and integrate it into the user interface of Godot Engine.

- **Intuitive Skeleton Tool for Synfig Studio** — *May. 2020 - August. 2020*, Github
  Synfig Studio, Google Summer of Code 2020
  – Understand and get used to Synfig Studio's codebase.
  – Build a simple and intuitive Skeleton tool that makes working with skeletons efficient in Synfig.

- **SoChat: A simple Chat application using Socket.io** — Github
  Personal Project
  – Building the front-end using Bootstrap. Implementing key features like Private chats, etc.
  – Handling the back-end using ExpressJs and Socket.io, Using PostgreSQL to store chat histories.

- **Adventure of Infinite Sides** — itch.io
  Personal Project
  – Making art and programming game logic in Godot.
  – Ranked #534 out of 1010 submissions.

TECHNICAL SKILLS

- **Programming**: Python, C/C++, JavaScript
- **Tools/Frameworks**: MySQL, MonogDB, Tensorflow, React, Flask, Flutter*,ReactNative*
- **Game Engines**: Unity, Godot Engine, PyGame, Unreal Engine
- **Operating Systems**: Windows, Linux

KEY COURSES TAKEN

- **Mathematics**: Linear Algebra, Basic Calculus, Discrete Maths, Probability & Random Processes
- **Electrical and Electronics**: Control Systems, Digital Systems, Microprocessors, Build a Modern Computer from First Principles: From Nand to Tetris
- **Full Stack Web Development**: Front-End Web UI Frameworks and Tools: Bootstrap 4, Front-End Web Development with React
- **Cloud and AI**: 30 days of Cloud : Cloud Engineering track, Building Transformer-Based Natural Language Processing Applications (NVIDIA)

POSITIONS OF RESPONSIBILITY

- **Club Head**, Cynaptics Club, IIT Indore — *Aug. 2019 - September. 2020*
- **Member**, Music Club, IIT Indore — *Sept. 2018 - Aug. 2019*
- **Member**, Kalakriti Club, IIT Indore — *Sept. 2018 - Present*
- **Tutor**, Google Explore ML, Google AI (Certificate) — *Aug. 2019 - Jan. 2020*

ACHIEVEMENTS

- **Ranked 3707 (OC)**, among 1.5 million candidates appearing for JEE Mains — *2017*
- **Ranked 3373 (OC)**, among 0.15 million candidates appearing for JEE Advanced — *2017*
- **Ranked 419 (OC)**, among nearly 0.15 million candidates appearing for AP3-EAMCET — *2017*
- **Ranked 424 (OC)**, among nearly 0.15 million candidates appearing for TS-EAMCET — *2017*