B Jamin Enock

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Summary

Enthusiastic and proficient B.Tech Computer Science Engineering student specializing in Artificial Intelligence and Machine Learning (AIML), with a passion for technology and programming. Skilled in data science and machine learning tasks. Capable of backend development for deploying ML models and applications. Eager to embark on an entry-level role to leverage expertise, contribute to impactful projects, and further enhance industry knowledge.

Technical Skills

- **Programming Language:** Python, JavaScript, SQL, Java.
- **Machine Learning and Data Science:** TensorFlow, Keras, Scikit-learn, NumPy, Pandas, Matplotlib, PyTorch, OpenCV.
- **Web Development:** Django, REST API, HTML, CSS, Bootstrap.
- **Database:** MySQL, PostgreSQL, SQLite, Firebase, MongoDB.
- **Tools:** Figma, Postman, Tableau, Excel, Jupyter.
- **Operating System:** Linux, macOS, Windows.

Education Qualification

- B.Tech Computer Science Engineering (AI/ML) from REVA University | Expected June 2024 | CGPA: 7.8.
- Pre-university PCMC from Sri Chaitanya PU College | Graduated June 2020 | Percentage: 75%.
- 10th ICSE St. Miras High School | Graduated June 2018 | Percentage: 68%.

Certifications

- IBM Data Science.
- TensorFlow: Advanced Techniques.
- DeepLearning.AI TensorFlow Developer.
- Deep Learning Specialization.
- Machine Learning Specialization.
- Python Django -The Practical Guide.
- Programming for Everybody (Getting Started with Python).

Projects

- **Image matting | Dec 2023**
    - Developed an Image Matting project inspired by Apple's "Lift a Subject" feature.
    - Utilized image segmentation techniques and built a U-net model to isolate foreground subjects from the background.
    - **Tech Stacks:** TensorFlow, Keras, OpenCV, NumPy, Scikit-learn, Python, Matplotlib, Jupyter, GIMP.

- **Auto Code - NLP Code prediction | Oct 2023**

- Developed an NLP project, Auto Code, to generate code based on text prompts.
- Built a bidirectional LLM (Language Model) trained with Python code to predict code snippets.
- **Tech Stacks:** TensorFlow, Keras, NumPy, Scikit-learn, Pandas, Python, Jupyter.

- **Human Cell Classifier | Sep 2023**

  - Created a Human Cell Classifier to classify cells in images and reports.
  - Implemented a CNN (Convolutional Neural Network) for image classification.
  - **Tech Stacks:** TensorFlow, Keras, OpenCV, Scikit-learn, NumPy, Python, Matplotlib, Jupyter.

- **Template Generator | Dec 2022**

  - Developed a Web App for generating templates by automating from user-designed base templates.
  - Integrated functionality to extract data from Excel sheets and databases.
  - **Tech Stacks:** Django, Bootstrap, HTML, CSS, Python, JavaScript, Excel, SQLite.

- **Grade Calculator | Nov 2022**

  - Created a web app tailored for students to calculate semester marks and CGPA.
  - Implemented features to display results in a table format, collecting data for each semester.
  - **Tech Stacks:** Bootstrap, HTML, CSS, JavaScript.

Leaderships and Volunteering

- **Hackathon and Coding Competition | Dec 2021**

  - Hosted and led a group for this event, which encompassed a 48-hour hackathon and a 1-day coding competition, attracting participation from nearly 400 students.

- **Tech Talk | Sep 2022**

  - Hosted a session at Reva University on trending industries and Artificial Intelligence. Collaborated with peers to engage students, fostering discussions on tech trends. Facilitated sessions to inspire coding, offering guidance on Machine Learning and Data Science.

- **Intercollege Tech Expo | Nov 2022**

  - Contributed to the creation of three machine-learning projects, including a Language Translator, for Reva University's Tech Expo. Effectively communicated project insights to peers and students from other colleges during the event.