Amulya B

Pre-Final Year Computer Science Engineering Student *B*angalore, India

amulyaamulya87@gmail.com — **+91 9880077190** — LinkedIn — GitHub

SUMMARY

I am a passionate and driven computer science student with a strong foundation in web development, cloud technologies, and AI integration. Eager to continue expanding my knowledge, I aim to contribute to impactful projects that drive technological advancement and enhance user experiences. I am committed to continuous learning and thrive in challenging environments where I can apply my skills to real-world problems.

EDUCATION

- **JSS Academy Of Technical Education, Bengaluru** *2022 – Present*
  - BE in Computer Science and Engineering
  - CGPA: 8.9 (Till 5th semester)
- **Sri Chaithanya PU College, Bengaluru** *2020 – 2022*
  - PCMC (Physics, Chemistry, Math, Computer Science)
  - Percentage: 97.83%
- **Bunts' Sangha RNS Vidyaniketan, Bengaluru** *2007 – 2020*
  - SSLC / 10th Grade
  - Percentage: 95%

SKILLS

- **Programming Languages:** Java,Python, c++,JavaScript,C
- **Web Development:** HTML,CSS, React.js, Express.js, Node.js, Flask
- **Databases:** MongoDB, SQL, PostgreSQL
- **Tools & Platforms:** Git,GitHub,VS Code, Google Colab, Linux, Postman.

PROJECTS

- **Age and Gender Detection**
  - Developed a real-time face detection system using OpenCV and deep learning to predict age and gender from live webcam feed.
  - Integrated pre-trained Caffe models to analyze facial features, convert frames to blob format, and visualize results with boxes and labels in real time.
  - Tech Stack: Python, OpenCV, Deep Learning, Caffe, Haar Cascade, Computer Vision
- **Brain Tumor MRI Classifier**
  - Created a deep learning model using CNNs to classify MRI brain scans, detect the presence of tumors, and predict the type of tumor.
  - The model outputs the result along with the confidence score for each prediction, enhancing diagnostic support.
  - Tech Stack: Python, TensorFlow/Keras, OpenCV, Matplotlib, CNN, Google Colab
- **Freshly Brewed - Coffee E commerce website**
  - Designed and developed a user-friendly coffee e-commerce website where users can browse and purchase various types of coffee beans, brewing equipment, and accessories.

  - Features include product search, detailed product pages, a shopping cart, user login/signup.
  - Tech Stack: HTML, CSS, JavaScript, React, Node.js, MongoDB, Express.js.

ACHIEVEMENTS AND CERTIFICATIONS

- **Event Organizer at Anveshan(CSE Fest): AI Image Generation Contest – "Prompt to Pixels"**
  - Designed and hosted a Gen-AI challenge where participants created images based on themes using AI tools and implemented evaluation system by captioning generated images with BLIP.
- **Event Co-Organizer at Anveshan(CSE Fest): "CodeSprint"**
  - Led a Code Sprint event focused on detecting Fake and hate speech in tweets using the Hate-BERT model, where participants classified tweets into Fake News and Hate Speech categories.
- **Contributor – GirlScript Summer of Code (GSSoC)**
  - Actively contributed to open-source projects and enhanced project features.
- **Infosys Pragati – Path to Future Cohort Member**
  - Selected for Infosys' career mentorship and growth initiative.
- **Member – Girls in Tech Community**
  - Actively pushing for inclusion and representation in tech spaces .
- **Postman API Student Expert**
  - Designed, tested, and documented them with swagger using Postman.