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EDUCATION

Sahyadri College of Engineering and Management

Bachelor of Engineering in Computer Science, 8.21 CGPA

Adyar, Mangalore

December 2021 - July 2025

Boscoss PU College

Physics, Chemistry, Mathematics, Biology, 92%

Blueberry Hills, Mangalore

July 2019 - July 2021

EXPERIENCE

Software Development Intern

Accolade Tech Solutions

October 2023

Karnataka, India - Remote

- Streamlined data collection and reporting, improving efficiency and leading to early project completion.
- Collaborated with cross-functional teams to gather requirements, define project scopes, and ensure alignment with objectives.
- Produced comprehensive reports and presentations summarizing recommendations, facilitating communication with stakeholders and driving actionable outcomes.

TECHNICAL SKILLS

Languages: C, SQL, Java, Python, HTML, CSS

Tools: Git and GitHub, MySQL, Visual Studio Code, Postman, Jupyter Notebook, Eclipse

Relevant Coursework: Database Management Systems, Cloud Computing, Machine Learning

PROJECTS

Real-Time Drowsiness Detection | *Streamlit, Python, YOLO*

September 2024

- Achieved real-time drowsiness detection with custom-trained YOLO model on 20 images per class, ensuring driver safety through alerts after 10 drowsy detection counts.
- Enhanced student productivity by monitoring attentiveness during study sessions, leveraging a model fine-tuned over 100 epochs for accuracy.
- Designed a versatile system adaptable for workplace safety and fatigue monitoring, integrating a dataset annotated with Labelling for precise detection.

Bloodbank Management System | *HTML, CSS, Javascript, PHP and MySQL*

February 2024

- Improved hospital inventory accuracy through efficient data management and SQL queries.
- Implemented a donor registration platform, securely managing data and optimizing blood donation logistics.
- Designed a patient interface for registration, blood unit viewing, and request placement using HTML and CSS, increasing access to essential resources.

AudioToScreenplay | *Python, Gradio, Hugging Face*

October 2023

- Led a team in developing a screenplay-generating web application using Gradio and Hugging Face's models, enhancing collaboration and reducing manual efforts.
- Enabled narration input via audio files, converting speech to text using a speech-to-text API, and processed the text into screenplays with Hugging Face's models.
- Leveraged Gradio for seamless interaction and integration of models, fostering creativity and teamwork.

VOLUNTEERING EXPERIENCES

Toastmasters International | *Member*

October 2024 - Present

- Actively developing leadership and communication skills through public speaking and personal growth initiatives.
- Delivered speeches and participated in leadership roles, enhancing confidence and collaboration.

Sahyadri Science Talent Hunt (SSTH) | *Documentation*

November 2021

- Played a key role in maintaining clear and accessible project documentation, contributing to efficient project management and successful outcomes.

CERTIFICATIONS

- Database and SQL from Infosys Springboard.
- Crash Course on Python, Introduction to Git and GitHub, AWS Cloud Practitioner Essentials from Coursera.
- Postman API Fundamentals Student Expert program from hands-on workshop, hosted by COSH and IEEE NITK.
- Google Cloud Computing Foundations and Gen AI.