

SATHVIK B RAO

+91 9019803951 ◇ Mangalore, KA

✉ sathvikbrao2002@gmail.com ◇ [in Sathvik B Rao](#) ◇ [Sathvikbrao](#)

EDUCATION

Bachelor of Engineering: Sahyadri College of Engineering and Management Expected 2024
Computer Science and Engineering.
CGPA : 8.97 (Till 6th Sem)

Pre-University Education: DR NSAM PU College ,Nanthur ,Mangalore 2018 - 2020
PCMB
Percentage : 94

SKILLS

Programming Languages	C,C++,JAVA,MySQL,Python
Web Development	HTML,CSS,JAVASCRIPT
Version Control	Git
Courses	Data Structures and Algorithms,OOPS, Operating System,Computer Networks, Database Management Systems
Soft Skills	Communication Skills , Teamwork and Collaboration Adaptability,Motivation Problem Solving,Time Management , Positive Attitude

EXPERIENCE

Software Engineer Intern February 2024 - Present
Unicourt Mangalore, KA

- Utilized Docker,AWS S3 Buckets, Linux, Postgres, Django, BeautifulSoup, Requests, and Python.
- Employed Agile development methodologies and utilized Jira for project management.
- Contributed to the development of an internal framework for data extraction and data engineering.
- Developed extractors and parsers using the company's internal framework and utilized GitLab for version control and collaboration.

PROJECTS

Cow Health and Milk Quality Tracking System : Implemented a comprehensive cow health and milk quality tracking system using Java, Oracle SQL, NetBeans, and JDBC. The solution optimizes livestock health management and enhances dairy quality control

Choicemart. Built using Android Studio, Java, and Firebase Realtime Database, the ChoiceMart application offers a seamless eCommerce experience on Android. Its integrated use of Razorpay and Fakestore APIs ensures secure transactions and a diverse product range, delivering a user-friendly shopping environment.

MyNetflix. MyNetflix is a Netflix-inspired platform crafted in ReactJS. By utilizing Axios, it effortlessly pulls content from the IMDb API, offering users a diverse media selection in a straightforward interface. It's a blend of React's efficiency and IMDb's extensive content library.

Stress Detection Using Fine Grained Emotions. Built a stress detection research project using Python and machine learning. Utilized TensorFlow, Pandas, NumPy, and Scikit-learn for deep learning and ML algorithms. Integrated Bag of Sub-Emotion (BoSE) technique to capture nuanced emotions. Explored and compared techniques like Bag of Words, Bag of Emotions, and Bag of Sub-Emotions using the Reddit dataset.

CERTIFICATES

Bits and Bytes of Computer Networking	October 2023 - Present
Hands-on Introduction to Linux Commands and Shell Scripting	March 2023 - Present
Programming for everybody (Getting started with python)	Sept 2021 - Present