

ARSALAN BASHIR

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[LinkedIn](#) | [GitHub](#) | [Website](#)

EDUCATION

Ghousia College Of Engineering - Ramanagara, Karnataka
BE with Honours Computer Science Engineering

Dec 2020 - Jun 2024
CGPA: 8.69 / 10

EXPERIENCE

Cloud Counselage | Machine Learning Intern

Remote | July 2023 - Sep 2023

- Worked on Machine Learning classification models to build a robust system with the aim of predicting the placement of a student based on various features.
- Worked on various Data Preprocessing techniques to ensure model is trained accurately.

SKILLS

Languages:	Python, Java, JavaScript, SQL, HTML-CSS
Libraries/Frameworks:	Django, Flask, Springboot, Hibernate, React.js, Rest API, TensorFlow, NumPy
IT Constructs:	Machine Learning, Data Structures, Backend Development, Docker

PROJECTS

Emotion Detection System | [GitHub Repo](#)

Python | Deep Learning | Web Dev

- Developed a deep learning project for emotion recognition using video, speech, and text inputs.
- Build and deploy an accurate emotion recognition model and integrate it into a web UI.
- Trained a Convolutional Neural Network (CNN) for 100 epochs, using the FER2013, RAVDESS+TESS, and essay datasets, and performed hyperparameter tuning to improve performance.
- Deployed the emotion recognition system on a fully responsive web interface, with high accuracy.

Sales Savvy – E-Commerce Platform | [GitHub Repo](#)

Java | Springboot | React.js | MySQL

- Developed a full-stack eCommerce web app using Spring Boot (backend) and React (frontend) with separate user and admin interfaces, using MySQL for efficient data management.
- Implemented user features like authentication, product browsing, cart management, Razorpay checkout, and order tracking, along with admin controls for product/user management and business analytics.
- Resulted in a responsive, scalable platform with seamless user experience and robust admin functionality, using docker for containerization, ensuring smooth deployment.

Meal Mate – A Food Service App | [Demo](#)

Python | Django | Web Dev

- Developed a Django-based restaurant management system with admin and customer functionalities.
- Implemented restaurant and menu management for admin and Enabled customers to browse restaurants, add items to the cart, and place orders seamlessly.
- Integrated MySQL on AWS RDS for efficient data storage and retrieval, ensuring scalability and reliability.
- Deployed the application on AWS with a fully responsive web interface using HTML, CSS and JavaScript.

Task Buddy – A To Do App | [Demo](#)

React.js

- Developed a Task Buddy App, a React-based task management tool to help users organize tasks efficiently.
- Utilized React's state management and component-based architecture to achieve dynamic updates and real-time task categorization.
- Focused on delivering a simple yet effective productivity solution for personal task tracking and organization.

CERTIFICATIONS

- | | |
|---|--|
| • The Joy of Computing Using Python - NPTEL | • Social Networks - NPTEL |
| • Python Bootcamp - Udemy | • Programming in Java - NPTEL |
| • Data Science for Engineers - NPTEL | • Privacy in Online Social Media - NPTEL |