ARSALAN BASHIR

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LinkedIn | GitHub | Website

EDUCATION

Ghousia College Of Engineering - Ramanagara, Karnataka   Dec 2020 - Jun 2024
BE with Honours Computer Science Engineering   **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, RestAPI, Tensorflow, Numpy
IT Constructs:	Machine Learning, Data Structures, Backend Development, Core OOP

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.

Employee Management System | GitHub Repo   *Java | JSP | Hibernate | SQL*
- Developed an Employee Management System using Java Servlets, leveraging CRUD operations for efficient database interaction.
- Implemented robust backend functionality with Java Servlets, ensuring seamless integration with MySQL via Hibernate ORM
- Deployed the system on AWS Elastic Beanstalk, enabling scalable and reliable cloud hosting for easy access and maintenance.

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
- Python Bootcamp - Udemy
- Data Science for Engineers - NPTEL
- Social Networks - NPTEL
- Programming in Java - NPTEL
- Privacy in Online Social Media - NPTEL