SHREY MONKA

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TECHNICAL SKILLS

Languages: Java, TypeScript, JavaScript, Python, SQL, Perl, Kotlin, HTML5 & CSS3
Frameworks & Tools: Angular, Spring Boot, Node.js, Docker, Kubernetes, AWS, Azure, GCP
Databases & Tools: MySQL, PostgreSQL, MongoDB, Git, CI/CD, Jira, Terraform

PROJECTS

Travel Buddy – Web application on AWS   *Apr. 2024 – Aug. 2024*
- Developed and hosted the whole web application with frontend in Angular and backend in Spring Boot on AWS using Infrastructure as a service as the delivery model.
- Used AWS services like EC2, VPC, S3, Lambda, SNS and used CloudFormation to see the whole workload as the code.

SmartMatch - AI-Powered Resume Optimization System   *Sept. 2024 – Dec.2024*
- Developing an intelligent resume matching system using BERT models to provide accurate resume-to-job description matching and automated feedback.
- Implementing NLP pipelines with Hugging Face Transformers to extract and analyze key skills, experience, and qualifications from documents with targeted 90% accuracy.
- Creating an interactive frontend dashboard using React and Tailwind CSS to visualize matching scores, skill gap analysis, and provide real-time ATS optimization suggestions.

BidWise – An Online and Real-time Auction website   *Apr. 2024 – Aug. 2024*
- As a part of the team, I have developed entire UI/UX of the web application.
- I developed the frontend and backend dashboard which shows real-time analysis of a user's auction insights using chart.js. Also contributed to creating ERD for the web application.
- Developed backend and frontend for other services which allowed users to add funds to their account and contributed to developing other features in authentication and authorization of users.

Sign Language Detection System   *Dec. 2021 – Jun. 2022*
- Developed a real-time python-based sign language translation system using Python, OpenCV, and TensorFlow Object Detection API, achieving 91% accuracy in gesture recognition.
- Implemented a custom CNN (Convolutional Neural Network) architecture to process hand gestures and trained the model on a dataset of over 1000 sign language images.

EXPERIENCE

Intern   *Dec. 2022 – Mar. 2023*
IT Path Solutions Pvt. Ltd.   Ahmedabad, GJ

- Worked on Python-based web projects as part of an internship, using frameworks like Flask and Django to develop and deploy web applications.
- I also gained experience with NoSQL databases like MongoDB, using libraries like PyMongo to integrate them with the backend for efficient data storage and retrieval.

EDUCATION

Dalhousie University   Halifax, NS
Master of Science in Applied Computer Science   *Jan. 2024 - Present*
GPA: **4.07/4.30**