ANSHIKA PANDEY

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EDUCATION

Harcourt Butler Technical University   Dec 2020 - Sep 2022
Master of Computer Application   *Kanpur, Uttar Pradesh, India*
- Cumulative GPA: 7.70 / 10.0

Dr. Bhimrao Ambedkar University   Jul 2015 – May 2018
Bachelor of Science   *Agra, Uttar Pradesh, India*
- Percentage: 63.64/100

M.D. Inter College   May 2014 – Jun 2015
Intermediate (Class XII)   *Uttar Pradesh, India*
- Percentage: 92.40/100

SKILLS

Web: Angular, HTML/CSS, Bootstrap, TypeScript	**Languages**: Java, Python, JavaScript
Databases: MySQL, PostgreSQL	**Platforms**: Bitbucket, Git and GitHub, Postman
Industry Tools: Maven, Mockito, JUnit, Docker	**Good In**:Data Structure, Algorithm, OOPs

Backend Services: Spring Boot, Spring Core, AOP, REST API, Spring Security, Spring Data JPA,Spring Cloud

EXPERIENCE

Tetrus Corps   May 2023 – Present
Java Backend Developer
- Added Config Service to allow runtime changes to periodic tasks and enable the addition of on-demand periodic tasks, redusing host onboarding time by 70 Percentage.
- Deployed services in first-party and public cloud environments, utilizing Java, Spring Boot, and Kubernetes to handle production issues in a highly distributed environment.
- Working inproject with different field in Public Safety, Homeland Security, Justice and Corrections stakeholders for U.S Goverment.

Google   Jul 2022 – Dec 2022
Machine Learning (Apprenticeship)
- Training in Deep Learning, Machine Learning , TensorFlow and hands-on projects gain practical experience.
- Among the 200+ participants selected for this six month bootcamp across India and Various ML competitions on Kaggle.
- Passed the TensorFlow developer exam covering foundational, Practical Machine Learning skills through the building and training of models using TensorFlow.

PROJECTS

Global Study Community | *MongoDB, Express.js, React.js, Node.js* | GitHub   Dec 2022 – Jan 2023
- A web app to provide a valuable resource for those looking to improve their education and expand their knowledge.
- Graph data structure, Hash table and searching algorithms are used in Web App.
- Users can upload their own notes and study materials, as well as view and follow the notes and materials of other users.

Travel Companion Application | *React.js, API, Rapid API, UI/UX* | GitHub   Nov 2022 – Dec 2022
- Web-based software to provide a convenient tool for travelers to plan, navigate, and make the most of their trips.
- App's algorithm for search, sorting and recommendations must be accurate and efficient, to provide the user with the best results.

ASL-Hand Gesture Recognition | *Python, Machine Learning, NumPy, CNN* | GitHub   Jan 2023 – Feb 2023
- Build a system that can correctly identify American Sign Language signs that corresponds to the hand gestures.
- Our proposed system will help the deaf and hard-of-hearing communicate better with members of the community.
- The proposed model for the still images is able to identify the static signs with an accuracy of 94.33.

EXTRACURRICULAR ACTIVITY AND ACHIEVEMENTS

Teaching Assistant, Linear Algebra | Spring 2022
Organiser
- Organized weekly tutorial (problem solving) sessions for a batch of 50 students.
- Involved in setting and evaluating examinations, helped in handling logistics for an offline mode of the course.

Open Source Contributor   Mar 2022 – May 2022
GirlScript Summer of Code
- Contributed in an Image Processing project implementing various algorithms.
- Image Registration, Homography, Image Stitching, Video Processing, Pedestrain Detection,etc, all using OpenCV.
- Also worked on a project where stored processed images as Class Objects and later could use the object to train and test ML models.

GitHub Campus Expert   Feb 2022 – present
- One of the 82 students selected out of 8000+ applicants worldwide.

Maths Excellence Award   July 2015
- Winning a Gold Medal Issued by Maths Excellence Award in District.