Faiz Khan

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EDUCATION

Aligarh Muslim University   Aligarh, Uttar Pradesh, INDIA
Master of Technology in Computer Engineering   *2023-2025*

Integral University   Lucknow, India
B.Tech Computer Science and Engineering   *2019-2023*

EXPERIENCES

Pluto EDU — Software Developer Engineer   Dec 2023 - Present
Aligarh, India

- Developed interactive app screens using React Native, React, CSS, and JavaScript.
- Utilized version control systems like Git (GitHub)
- Established communication between app screens using RESTful APIs.
- Developed and implemented the login screen for Pluto Edu mobile app, enhancing user onboarding experience.
- Implemented Data Analytics Screen using Stream Lit and ML Algorithms

PROJECTS

Text Generation using GRU | *Deep Learning, Python, TensorFlow, Flask*   link

- Developed a Python project utilizing TensorFlow to train a GRU neural network for text generation, and built a Flask-based web interface for user interaction.

Sudoku Solver Using Backtracking Algo | *Python, Backtracking Algorithm*   link

- Built a Python application utilizing a backtracking algorithm to solve Sudoku puzzles, ensuring each row, column, and 3x3 sub-grid contains digits 1-9.

AI- Object Detection | *Python, YOLO, OpenCV*   link

- Utilized the YOLO framework for real-time object detection in images, featuring a functionality to generate Google search links for detected objects.

Product Detection System | *Hugging Face, Yolo, OpenCV, Python*   link

- A machine learning application for enhancing retail operations by automating product detection and inventory analysis.

ACHIEVEMENT

Optimized data analytics for the Pluto EDU app using advanced machine learning techniques.

Published a Research Paper on "Two Rings User Authentication Method" - IEEE

TECHNICAL SKILLS

Programming Languages:: Python, C, JavaScript
Web Development: : React.js, React Native, HTML, CSS
AI/ML: : TensorFlow, NLP, YOLO, OpenCV, LLM Models
Version Control: : Git
Operating Systems: : Basic Linux commands, MySQL
Development Tools:: Android Studio, Stream Lit, Data Analytics
Automation & CI/CD: : Unit tests, Automated build, test, run
Strong Communication, Analytical, Interpersonal & Problem-Solving Skills Ability to deliver on agreed goals and coordinate activities in a team environment Effective collaboration in a global team setting: