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OBJECTIVE

Software Engineer with 3 years of industrial experience along with willingness to quickly grasp and adapt to new technologies, along with working in both team and self-directed settings.

WORK EXPERIENCE

Zeus Learning, India

July 2018 – July 2021

Sr. Software Developer

- Development, maintenance, documentation and testing of new features for internal editor tools and answer processing rules for ALEKS software.
- Maintained and refactored legacy code
- Automated unit testing using Jasmine and custom APIs
- Researched different game engines like Unreal, Unity and Phaser, to create 3D simulation games, and developed a demo in Unreal.
- Coordinated development of new features for ALEKS educational web application and managed client communications.
- Led a team of 10 developers.
- Researched and Developed and AI system that helped the employer with the recruitment process during Covid times.

EDUCATION

P.G. Certificate in Artificial Intelligence: Analysis, Design and Implementation

Aug 2021 – Present

Durham College

Courses included: AI Algorithms, AI Development, Visualization using AI, Applied ML, AI in Enterprise Systems, Knowledge and Expert Systems

Completed Sem 1 with a GPA of 4.78 on a scale of 5.

Bachelor of Engineering in Information Technology

June 2014 – June 2018

L.D.C.E

Courses included: Data Structures and Algorithms, Data Compression and Data Retrieval, Operating Systems, Python and OOP

Completed the degree course with a CGPA of 8.2 on a scale of 10.

PROJECTS

- Exam Proctoring System
Uses computer vision to flag moments of fishy means being used by a candidate giving an online exams
- Tic-Tac-Toe bot
Scripted in python using the a* algorithm
- Minesweeper
Coded in python using the pygame module
- Script to convert a video lecture to presentation
Used the concepts of motion detection to make notes of my video lectures for future review
- Neural Network
Wrote a script to showcase the math(calculus) being used in a Neural Network, from scratch without using any libraries
- Liner Regression model on used car data to predict resale value
- Web scraping news articles and visualizing time series plots in stock data

SKILLS

Computer Vision
Applied Mathematics

Algorithms
Data Research & Analysis

Neural Networks
Data Science

TECHNICALLY SOUND IN

Tools
Python, JavaScript, HTML, CSS

Frameworks
Numpy, Pandas, Pygame, MySQL, Jupyter, OpenCV, Git, Tableau

ACHIEVEMENTS

- **Gold Medal** in 8th Grade for National Science Olympiad.
- **Ranked 2nd** in 9th Grade for International Math Olympiad.
- **ECL scholarship** in Durham College.
- **Won** gold in inter-college zonal volleyball tournament during my undergrad college.
- Part of the **AI HUB** at Durham college to work on industrial AI related projects.

REFERENCES

CONTACT DETAILS CAN BE PROVIDED UPON REQUEST

- Academic Referrals:
 - Jahanzeb Abbas
 - Aria Perez
 - Noopa Jagadeesh
- Cliental Referrals:
 - Thomas Bertin
 - Erika Pilar

INTERESTS

Solving algorithmic problems, LAN Gaming, Physical Sports