

SHUBHAM BERA

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CAREER OBJECTIVE

To work in a challenging and dynamic environment and keep adding value to the organization that I represent while also concurrently upgrading my skills and knowledge

EDUCATION

Institute of Technology and Management, Gwalior

Bachelor of Technology

Department of Computer Science & Engineering

July 2017 - July 2021

Cumulative SGPA: 7.69

Ramkrishna Vidya Mandir, Thatipur, Gwalior

Higher Secondary Certificate

June 2017

Overall Percentage: 66.7

Kendriya Vidyalaya No. 2, Gwalior

Secondary School

June 2015

Overall CGPA: 9.4

WORK EXPERIENCE

Talent Corner Pvt. Ltd. | Software Engineering (Internship)

May 2020 - June 2020

Tech Stack: Python

Worked on Invoice System by making it more customer friendly and modified it in such way so that manual work will be lessened and most of the work that needed will be done internally by the system.

PROJECTS

Vision Controlled Keyboard | Back-end Developer, Team leader and Team Builder Oct 2020 - Dec 2020

Automated the process of using on-screen virtual keyboard by using the vision of the eyes. It uses the front camera of the system to detect the user's face and then their eyes. There will be a left and a right keyboard. The camera will select the keyboard based on where our direction of sight is. A white light will be moving from one letter at a time and we can write using our eyes by blinking for a particular period of time when the light is on our desired letter or number.

Skills: Machine Learning, Python, C++. OpenCV

Sudoku - Decoder June 2020

The Sudoku - Decoder can calculate the answer of Sudoku puzzle of any difficulty level and it will give the user the correct solution. This Sudoku - Decoder uses backtracking algorithm where after entering a number in the Sudoku cell, if the number in the cell is invalid by the Sudoku rules then it will backtrack and try different possibilities and it will keep doing this until it reaches the correct solution for the Sudoku puzzle. It will take the rows of the unsolved Sudoku as an input from the user and after getting all 9 rows it will create a Sudoku puzzle and after using the algorithm it will give the solution of the Sudoku as output.

Skills: Python

Algorithm: Backtracking Algorithm

LinkedIn Job Web Scraper

Jan 2021

The LinkedIn Web Scraper takes the position of the job and location of the job from the user. It will then use selenium and BeautifulSoup to scrape through the web page of LinkedIn and it will return the job posting with all the necessary details back to the user in a csv file with title of job, company name, description of the job, location etc.

Skills: Python, Web Scraping

ExpressCart | Front-end and Back-end Developer

Nov 2020

The ExpressCart is an E-commerce website whose back-end is designed on Django and front-end is designed on HTML, CSS and JavaScript. ExpressCart is a simple website where a user can see the items , add it to the cart, purchase it and track the order.

Skills: Python, HTML, CSS, JS

TECHNICAL STRENGTHS

Languages C, C++, Python, Django, CSS, HTML

Software Pycharm, Jupyter Notebook, Visual Studio Code

Others Data Structure and Algorithm, Machine Learning, Deep Learning

PERSONAL TRAITS

Highly motivated and eager to learn new things. Strong motivational and leadership skills. Ability to work as an individual as well as in a group

