

PRIYANSHU KANSAL

Malaviya National Institute of Technology, Jaipur-302017

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https://github.com/PriyanshuKansal

EXPERIENCE

Software Development Engineer (SDE) Intern

Flipkart

June 2022 – July 2022 Bangalore

- Optimized the number of clicks for generation and printing of invoice and shipping label on the Official Flipkart Health Plus Website
- Converted the format of Shipping label from PDF to PRN for optimized printing using thermal printers
- Techs used: HTML, CSS, PHP, Javascript

Trainee in Cloud computing

Verzeo

December 2020 – February 2021 Remote

- Learnt the fundamentals of Cloud Computing, including concepts of subnetting, virtual machine creation, managing disk space, backup and recovery
- Creation of VM, management of disk space with disk resizing, recovery of VM on accidental deletion, backup and recovery; concept of subnetting

PROJECTS

Eye-controlled-mouse

Self-Learning Project

- Python project to make the movement and click of PC cursor eye-controlled
- Libraries used: CV2, Mediapipe, Pyautogui
- https://github.com/PriyanshuKansal/eye_controlled_mouse

Sorting Algorithms Visualizer

Self-Learning Project

- Project to visualize the working of various sorting algorithms; analyzing the time complexity and number of comparisons of each sorting algorithm
- Techs used: HTML, CSS, Javascript, React
- <https://tinyurl.com/5n6svvrf>
- <https://github.com/kansalPK/sortingAlgosVisualised>

Professional Portfolio Website

Self-Learning Project

- Portfolio website project with 3d animation feature
- Techs used: HTML, CSS, Javascript, React JS, Three JS
- <https://tinyurl.com/3wzn9sru>

EDUCATION

B.Tech in Electronics and Communications Engineering

Malaviya National Institute of Technology, Jaipur-302017

2019 – 2023 CGPA: 9.33

Class XII

D.A.V. Centenary Public School, Haridwar-249408

2018 – 2019 95.80 %

Class X

D.A.V. Centenary Public School, Haridwar-249408

2016 – 2017 CGPA: 10.0

SKILLS

C/C++ Python Java HTML
Javascript Three JS React JS
CSS PHP mongo DB mySQL
Bootstrap Firebase Git Github
Postman CV2 Mediapipe
Pyautogui Matlab Verilog
Numpy Pandas scikit-learn

COURSEWORK


- Data Structures and Algorithms
- Object- Oriented Programming
- Operating Systems
- Database Management Systems
- System design
- Distributed Systems

ACHIEVEMENTS

- GOOGLE KICKSTART 2022
Global Rank: 1937
- CODECHEF Highest Rating: 1826 | 4 star
- CODECHEF MARCH LONG CHALLENGE 2022
Global Rank: 30
- CODECHEF MARCH STARTERS 2022
Global Rank: 82
- Solved 800+ DSA problems on different websites


Notes making App

Self-Learning Project

- Android app, using Java and Firebase, to create, edit and delete notes
 - Techs used: Java, Firebase
 -  <https://github.com/kansalPK/myNotesApp>
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Sudoku Solver

Self-Learning Project

- Front-end web development project to visualize Sudoku
 - Concept of Backtracking used
 - Techs used: HTML, CSS, Javascript, React
 -  <https://gilded-cat-2c7c53.netlify.app/>
-

Basic Microprocessor simulator using C++

B.tech Minor Learning Project

- Simulated the working of a basic microprocessor using Cpp language
 - Used C++ data structures and logic to implement the functionality similar to Basic Microprocessor instructions like Data Transfer Instruction, Arithmetic Instruction, Logical Instruction & Branching Instruction
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Arduino based Obstacle Detection

Self-Learning Project

- An intelligent device that can automatically sense the obstacle in front of it and avoid them by turning itself in another direction
- Implementation using Arduino and ultrasonic sensors

POR AND EXTRA-CURRICULARS

- Team leader during training at Flipkart
- Volunteer for the annual cultural fest of college, Blitzschlag
- Sub-mentor in the college's coding club
- Assisted seniors in organizing various tech workshops

INTERESTS & HOBBIES

- Problem Solving
- Public Speaking
- Playing Chess and Badminton
- Creative writing and Sketching

REFEREES

Satyanarayan HV | Director of Engineering

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Varun Mishra | Product Manager

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