

# Krishanu Mishra

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## EDUCATION

- **Geetanjali Institute Of Technical Studies** Udaipur, India  
*Bachelor of Technology - Computer Science; GPA: 9.75\*/10* July 2020 - July 2024  
*Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*
- **St. Matthew's Mission School** Udaipur, India  
*12th - CBSE ; Percentage: 85%* 2020

## EXPERIENCE

- **Maintaining My Own Blog** [Link](#)  
*Blogger (Part-time)* August 2022 - Present
  - **Writing a weekly blog:** Blogs about Software Developers Life, Tutorials, Technologies, helping others in their journey.
  - **Tutorial - How to write a resume, Web Development, App Development :** Created tutorial for Competitive Programming, Latex, Frontend, Backend, Flutter and concepts.
  - **Impact:** More than 250+ weekly active readers.

## SKILLS SUMMARY

- **Languages:** JavaScript, Python, C++, Dart, SQL
- **Frameworks:** ReactJS, NodeJS, ExpressJS, Flutter
- **Tools:** MongoDB, MySQL, SQLite, GIT, Github, Figma
- **Coding Profile:** Codechef, Leetcode
- **Platforms:** Linux, Web, Windows
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

## PROJECTS

- **Sudoku Solver Visualizer:** Built in **VanillaJs** , **HTML** and **CSS** is web application for Solving Sudoku Game. Dynamically and Manually generates random incomplete sudoku and can be solved using this visualizer. The speed of the algorithms being animated can also be changed. Implemented using 3 algorithms viz. Backtracking , Best-first Search and Knuth's Algorithm-X. **Github Demo**
- **A URL Shortener::** Made a URL shortener using **Node.JS** as server. **MongoDB** to store the Short as well as long urls and also the count of clicks. **EJS** and **Bootstrap** have been used to for the layout and styling of the website. It can convert a **2048** character URL to just **9** charcters. Link wont expire. **Github**
- **React Candy Crush Game:** Created Candy Crush Game using **React.JS**. Have used **UseEffect** and **UseState** Hooks to randomly generate candies, display different types of candies, score and moves taken. The feel and Look of the game is very similar to the original. **Github Demo**
- **NPM package:** Published an NPM packages which can be used to **add or subtract** no of days to an instance of a Date. Also it can find **difference between two dates** which return the difference as days, months and also years. It has no dependencies and has weekly downloads of **100+**. **Github Demo**
- **Tetris Game:** It is a recreation of the classic Tetris Game made using **VanillaJS** and also **HTML Canvas**. It has been made using Classes in JavaScript. **Github**

## CERTIFICATIONS

- **NPTEL An Introduction to Programming through C++:** Learnt Basic programming notions, Program design, Programming applications and Standard Library of C++ (April 2022)
- **NPTEL Problem Solving through Programming in C:** Formulate simple algorithms, Translate the algorithms to programs and Apply programming to solve simple numerical method problems (April 2022)
- **NPTEL Python for Data Science:** Spyder, Data Types , Numpy, Pandas, Data Visualization and Case Study about Predicting Price of pre-owned cars. (February 2022)
- **Udemy Flutter Dart - The Complete Guide[2022 Edition]:** Basics of Flutter, Navigation, State Management, HTTP Requests, Authentications, using Native device features, Firebase and Publishing an app to Google Play Store (May 2022)

## HONORS AND AWARDS

- Became 3 Star Coder at CodeChef - Jan ,2022
- Secured 1st position in Hack-A-Vishkar Hackathon by making a 3D Simulation - September, 2021