



LeetCode: ritikpatel17

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Examination	University	Institute	Year	CPI/%
UnderGraduate Specialization:	Computer Science & Engineering			
Graduation	IIITV	IIITV	2020-Curr	7.99
Matriculation	CBSE	Lotus International School	2019	90.4

TECHNICAL SKILLS

- **Programming & Scripting Languages:** Java, C, C++, Python, Javascript, HTML, CSS, ReactJs, NextJs, NodeJs, Express, Bootstrap, MongoDB, MySQL
- **Tools and Technologies:** GIT, DevOps, Latex, MySQL Workbench, Visual Studio, Pycharm, IntelliJ Idea
- **Other Skills:** Data Structures & Algorithms

BTECH PROJECTS

- **Tetris Game**
OOPs, Guide: Prof. Sourabh Tiwari (2021)
 - Developed a Tetris game using Java and Java Swing as a part of a programming project.
 - Designed and implemented the game logic, event handling, and graphical user interface elements such as the game board, score display, and user interface elements.
 - Optimized the game performance by fine-tuning the code for performance and memory usage.
 - Demonstrated proficiency in object-oriented programming concepts, algorithms, and GUI design.
 - Gained experience in software development, problem-solving, and teamwork while collaborating with other project members.
- **Fuego Verse**
Blockchain, Guide: Prof. Bhupendra Kumar (2022)
 - Developed a blockchain-based platform called "Fuego Verse" that consisted of three components: an NFT marketplace, a posting app, and a community connector.
 - Utilized Ethereum, Node, and Solidity to develop smart contracts for managing NFTs and transactions on the blockchain.
 - Designed and developed the user interface for the platform using Next.js, Express, GUN, and Tailwind CSS.
 - Implemented Metamask for secure wallet integration and Infura for Ethereum node hosting.
 - Used Sanity CMS for content management and OpenZeppelin for security auditing.
 - Demonstrated proficiency in blockchain development, smart contract programming, and web development.
 - Gained experience in teamwork, project management, and agile development methodologies.

WEB DEVELOPMENT PROJECTS

- **SunLight**
(MERN stack) (2022)
 - Developed an E-commerce website called "SunLight" for buying clothes and accessories using the MERN stack (MongoDB, Express.js, React.js, Node.js).
 - Designed and implemented the user interface of the website using Bootstrap CSS.
 - Implemented features such as product listing, filtering, sorting, searching, adding to cart, and checkout.
 - Developed an admin panel for managing products, orders, and users.
 - Integrated payment gateway and authentication system for secure transactions and user login.
 - Demonstrated proficiency in full-stack web development, database design, and e-commerce functionality.
- **Accountill**
(MERN stack) (2023)
 - Created a web application called "Accountill" that generates invoices and bills, utilizing the MERN stack and Redux for state management.
 - Implemented a secure user authentication system with Google authentication to enable authorized access to the application's features.

- Developed a modern, high-performing user interface to provide an optimized user experience.
- Utilized Mongoose for database management and integration with various APIs, ensuring a robust backend system.
- Demonstrated expertise in full-stack web development, including state management, user authentication, and authorization.

- **MyPortfolio**

(NextJs)

(2023)

- Designed and developed a portfolio website called "myPortfolio" using Next.js, a popular React framework.
- Implemented a modern and responsive user interface to showcase your skills, projects, and experiences.
- Utilized the latest web development tools and technologies to create a fast and optimized website for a seamless user experience.
- Demonstrated proficiency in front-end web development, including UI/UX design, React programming, and Next.js framework.

COURSES TAKEN

Data Structures and Algorithm Design	Object Oriented Programming (OOPs)
System Software	Computer Organisation & Architecture
Operating Systems	Database Management System (DBMS)
Software Engineering	Formal Language & Automata Theory
Computer Networks	Wireless Sensor Network
Embedded System	Introduction to Discrete Maths
Linear Algebra and Matrices	Numerical Techniques
Probability and Statistics	Artificial Intelligence
Introduction to Cryptography & Network Security	

ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES

- Solved over 700 DSA problems on various platforms, including over 500 on LeetCode.
- Achieved a global rank of 59,073 on LeetCode and received multiple badges for competition, including the 100 Days Badge 2022, Jan Badge, Feb Badge, and others.
- Ranked 51 among IIITV students on GeeksforGeeks (GFG) for problem-solving.
- Participated in the E-commerce & Tech Quiz of the Flipkart GRiD 4.0 Software Development Challenge organized by Flipkart.

INTEREST & HOBBIES

- Chess, Badminton, Movies