

Arvind Kurmi

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EDUCATION

Shri Govindram Seksaria Institute of Technology & Science, Indore	2021-2025
B.Tech. in Computer Science (RGPV Bhopal)	7.78 CGPA
Govt. Naveen Higher Secondary School, Hatta	2019-2020
MP Board – 12 th	95%
Saraswati Shishu Mandir High School, Hatta	2017-2018
MP Board – 10 th	94%

SCHOLISTIC ACHIEVEMENTS

- State-Level Champion in Mathematical modeling: Achieved 1st rank in modeling competition, MP [2019]
- Solved 300+ Questions on Leetcode and Codechef: Maintained 120 day streak [2023]
- District winner in completion quiz organized by MP tourism. [2020]
- College champion in Mathematical modeling : Achieved 1st rank in college competition [2023]

PROJECTS

TRADING ACCOUNT

Nov-Dec 2022

ACADEMIC MINI PROJECT (OBJECT ORIENTED PROGRAMMING JAVA)

- Implemented a **java-based** trading account system for shareholders with **advanced OOPS principles**, demonstrating expertise in exception handling, including **custom conditional exceptions**.
- Designed a modular and **extensible architecture** with a hierarchy of objects and classes for efficient interaction and data management, Achieved secure management of trading accounts.

JEECODE: ONLINE JUDGE WEBSITE

July-Sep 2023

FULL STACK PROJECT (Node.js/Express.js/REST-APIs/SQL)

- Implemented **Online Judge Webpage** for JEE students to provide them a question practicing platform and tracking of their progress, followed **Design thinking approach** for defining problem and ideation.
- Designed the project using **Agile methodology**, tracking process on **Jira** and following SCRUM and KANBAN practices.
- Integrated REST APIs for **routing**; used **EJS** for templates and CSS with help of **bootstrap**.
- Used **PostgreSQL** to establish data persistence and efficient query operations as searching and performing **CRUD operations** with the help of API requests.

Weather API

May-June 2023

REACT PROJECT (React.js)

- Developed a Live Search Weather App using React.js, showcasing proficiency in React functional components and **modern JavaScript** concepts ensuring a seamless user experience across different devices and screen sizes. And Implemented **React hooks**, including **useState** and **useEffect**, to manage state and handle side effects for efficient data retrieval and **rendering**.
- Utilized the **React Fetch API** to integrate external weather APIs, enabling **real-time retrieval** of weather data based on user search queries.

SKILLS

- Languages: Advanced Java, JavaScript, Python, HTML/CSS, C/C++, MySQL
- Frameworks: Node.js, Express.js, MongoDB, React.js, Firebase
- Libraries: Pandas, Numpy, Matplotlib, Seaborn, Pytorch
- Tools: Git, REST APIs, Linux, Jira, Latex, VS Code, Pycharm, wordpress
- Skills: Front-End, Agile, Back-end, SCRUM, Kanban, Unit testing, Design Thinking

EXPERIENCE

- Successfully completed OOPS, DSA, OS, Discrete, Computer architecture as core subjects.
- Completed Internship in Codsoft in Web-Development with completing given tasks. Aug-Sept 2023
- Author in Icytales.com: published articles on different topics. July 2023 – Current

RESPONSIBILITIES AND EXTRACURRICULAR ACTIVITIES

- CO-ORDINATOR at computer club: working as the active member in official club of CS Dept. SGSITS.
- U-Reporter at U-Report India (a part of UNICEF) and certified with different voluntary works.
- Content Writer at different platforms (icytales.com, gfg etc).
- Owning a U-Tube channel for up-skilling in communication and personality development.