VIPIN BAILWAL

Internship

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Experience

Ensino research and development private limited

Summer Training

Dehradun, Uttarakhand
06/2024 - 07/2024

- Intensive training in DSA using C++
- Hands-on experience with arrays, linked lists, stacks, queues, and graphs
- Proficient in dynamic programming: solved numerous coding challenges
- Implemented and optimized algorithms for complex problems
- Sudoku Solver: Backtracking or constraints. Solves Sudoku puzzles. Problem-solving skills
- Flood Fill: Color regions. Recursive. Image processing
- Cycle Detection: Find loops. Graph theory knowledge

Skills

Algorithms · Data Structure · C++ · Javascript · Express. HTML · CSS · SQL · VS Code · Git

Operating system · Computer Network · OOPS

Education

National Institute of Technology (NIT)

Computer Science and Engineering

Uttarakhand
11/2022 - Present

- Bachelor of Technology
- Srinagar, Uttarakhand
- Cgpa-8.59

Kendriya Vidyalaya New Tehri Town

Intermediate

Tehri Garhwal
2020 - 2021

- Percentage-94.6%

Kendriya Vidyalaya New Tehri Town

Matriculation

Tehri Garhwal
01/2018 - 01/2019

- Percentage: 91.2%

Projects

Personal Portfolio Website

- Technologies Used: HTML, CSS, JavaScript
- Description: Developed a dynamic portfolio webpage with interactive features.

Developed a dynamic portfolio webpage with interactive features

- Included detailed sections about my skills, projects, and background
- Created a Contact Me feature allowing recruiters to submit their contact information
- Integrated functionality to store contact details in an Excel sheet for easy access and management

JavaScript API-Based Projects

- Age Calculator – Calculates age based on input date.
- Calculator – Fully functional basic calculator.
- Quote Generator – Fetches and displays random quotes using an API.
- Weather App – Displays real-time weather data using a weather API.
- To-Do List – Task management app with local storage support.
- Quiz App – Interactive quiz with multiple-choice questions.
- Notes App – Save, edit, and delete notes with local storage.
- Music Player – Custom audio player with playlist support.
- Random Password Generator – Generates secure passwords with custom parameters

Projects

Course App Backend

- Tech Stack: Node.js, Express.js, MongoDB
  Developed a backend for managing online course content with authentication, CRUD operations, and API integration.

Find me online

GitHub
https://github.com/vipinbailwal

Gmail
vbtech2024@gmail.com

LeetCode
https://leetcode.com/u/vipinbailwal999/

LinkedIn
https://www.linkedin.com/feed/

Key Achievements

Jee Main Qualified
AIR-23000

Leetcode 100 days Badge
LeetCode Successfully completed the 100 Days of Code challenge, demonstrating consistent problem-solving skills and dedication to improving coding proficiency.