Aryan Vaghasiya

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🐙 GitHub Profile 💼 LinkedIn Profile

EXPERIENCE

•DUDHAT INFRA PRODUCT LIMITED   *November 2023 - March 2024*

Full Stack Developer Intern   Remote

- Completed a hands-on internship focused on gaining practical experience in building and deploying web applications using a wide range of technologies like MERN, APIs. Worked with the development team to troubleshoot and resolve issues, leading to improvement in software performance.
- Engaged in the full spectrum of the software development process, including coding, testing, debugging, and optimizing web applications for better performance and scalability.

EDUCATION

•Bachelor of Engineering in Computer Engineering   *2021-25*

L.J. Institute of Engineering and Technology, Ahmedabad   CGPA: 8.10

COMPETITIVE PROGRAMMING PROFILE

- **Codeforces (Max. Rating: 1126) | Link**
- **Hackerrank (Hackos: 5361) | Link**

ACHIEVEMENTS

- **Participated in HackOut'23** By DAIICT

PERSONAL PROJECTS

- **Employee Management**   *Team size: 2*

  A website based Employee management in office.

  - Developed Employee management system with features including Add Employee, View Employee, Filter Employee, Edit Employee Data, and Daily Attendance.
  - Implemented a streamlined attendance tracking system allowing employees to mark their attendance as present or absent once daily.
  - Technology Used: HTML, Django, Bootstrap.

- **Sorting Algorithm Visualization**   *Team size: 2*

  Developed the sorting algorithm visualization to make it easy to understand.

  - Developed the project taht allows users to generate random arrays, adjust the number of nodes and visualization speed with sliders, and choose from various sorting algorithms for real-time visualization.
  - This tool is designed to enhance understanding of sorting algorithms through dynamic and customizable visual representation.
  - Technology Used: HTML, CSS, JavaScript.

- **Shortest path Visualization**   *Team size: 1*

  Developed a Shortest Path Visualization tool with Django.

  - Created an intuitive node selection interface that incorporated real-time feedback mechanisms; this implementation received positive response from testers during usability sessions, indicating a significant approval rating.
  - Implementation of options such as random grid selection for visualization and user-defined grid customization.
  - Implemented algorithms including Dijkstra and A* for pathfinding.
  - Technology Used : Django , HTML .

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, Javascript, Java

Web Dev Tools: Nodejs, VScode

Frameworks: ReactJs, Django

Cloud/Databases:MongoDb, Relational Database(mySql)

Relevent Coursework: Data Structures & Algorithms, Object Oriented Programming, Database Management System, Software Engineering

Soft Skills: Problem Solving, Self-learning, Presentation, analytical ability

POSITION OF RESPONSIBILITY

•Phoenix Club

Attended and Volunteered so many competitions or challenges within this technical club.