



18JE0934

Vishal

Int M Tech – Mathematics and computing - IIT, Dhanbad

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EXPERIENCE

Software Development Intern

Optum (2 Months) (MAY 2022- JUNE 2022)

I gained hands-on experience in conducting comprehensive code testing procedures. I collaborated with the development team to write and execute test cases.

Software Development Intern

Buddin (Skae Tech pvt ltd) (6 Months)

(July 2022- December 2022)

Throughout my internship, I had the opportunity to work on web development projects, where I honed my skills in front-end technologies such as HTML, CSS, and JavaScript.

Software Development : Svaya Robotics (5 june 2023)

PROJECTS

Shortest Pathfinder – To find the

shortest possible path between two points in a 2D context.

- A pathfinding algorithm seeks to find the shortest path between two points.
- Graphical User interface built using react framework to visualize pathfinding algorithms.
- Evaluated various maze generation algorithms, benchmarked against industry standards and measured results using KPIs; implemented the most efficient algorithm which reduced time taken by 22% and improved memory usage by 35%
- TECHNOLOGIES USED: REACT.JS,NODE.JS,HTML

[See project](#)

CERTIFICATION & COMPETITIVE PROGRAMMING

- LeetCode: <https://leetcode.com/vchand324/>
(Solved 700+ Problems with Rating 1428 (4* Star))
- CodeForces: <https://codeforces.com/profile/vchand324>
(Max Rating 770)
- CodeChef : <https://www.codechef.com/users/arey>
(Max Rating 1170)

EDUCATION

Indian Institute of Technology (ISM), Dhanbad — Integrated master of Technology in Maths and Computing

JULY 2018 - MAY 2023 CGPA – 7.3

Sarvodaya bal vidyalaya delhi (CBSE)

12th - APRIL 2017 - APRIL 2018 - 84%

Sarvodaya bal vidyalaya delhi (CBSE)

10th - APRIL 2015 - APRIL 2016 - 76%

TECHNICAL SKILLS

- **Proficient with:**
Problem Solving Skill,Data Structure & Algorithm ,OS ,DBMS,Photoshop,Illustrator,Adobe .
- **Language:**
C++, HTML/CSS/JS ,SQL, Node.js, Express.js,reactjs
- **Framework:**
Express.JS , Bootstrap
- **Developer Tools :**
Git , VsCode , Sublime Text

ACHIEVEMENTS

- Hackerrank: 5* Coder
- LeetCode: 4* Coder (744 question)
- NTSE Stage 1 Scholar in 2016.
- Selected in IIT-JEE 2018.
- Certificates from Artfreaks (The Art Club of IIT (ISM)Dhanbad): In painting Competition

POSITIONS OF RESPONSIBILITY

- Software Developer At Buddin(skae Tech. Private Ltd.
- Member of the Organizing Team of Quizpiad 5.0 organized by Society for Industrial and Applied Mathematics(SIAM) .
- Active Member of Society for Industrial and Applied Mathematics(SIAM).
- Organizer in Umeed 2019: Umeed is a one-day fest i.e competition organized by FFI the upliftment of nearby basti children and schools.