

# ADARSH TIWARI

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## Education

**Bansal Institute Of Engineering and Technology Lucknow, India**

current

- Information Technology | CGPA: 7.8

**Naval's National Academy, India**

2018 - 2019

- AISSE (Class X), 89.6%

## Skills

**Programming Languages:** C, C++, Javascript

**Frontend Technologies:** HTML, CSS, ReactJS, Tailwind CSS.

**Backend Technologies:** NodeJS, ExpressJS, RestAPI.

**Libraries:** ReactJS, Redux, Axios, Bootstrap.

**Databases:** MySQL, MongoDB

**Tools & Platforms:** Git, GitHub, Postman, Vscode

## Work Experience

**Softpro India Computer Technologies** | Student Trainee

Sep'23 - Dec'23

- Developed and deployed dynamic web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js), focusing on responsive UI/UX and RESTful APIs.
- Gained hands-on experience in the software development lifecycle—from requirement gathering and designing to testing and deployment.

## Projects

**Dev Tinder** | [Github](#) | [Live](#)

Created a web application for developers to make professional connections based on skills and requirements. Users can express interest in others, and connections are established once both parties accept.

- Developer Networking:** Match developers based on skills and interest for connection using designed Feed API.
- Chat Functionality:** real-time messaging between connected users with Socket.io for seamless communication.
- Premium Features:** Enables premium users to get a blue tick and other features using Razorpay for payments.
- Tech Used:** React.js, Redux, Node.js, Express.js, MongoDB, DaisyUI, Socket.io, Razorpay payment Gateway.

**WayFinder** | [Github](#) | [Live](#)

Developed an interactive Pathfinding Visualizer using React.js to simulate popular algorithms like Dijkstra's Algorithm, A\*, and BFS/DFS\*, enabling users to understand algorithm behavior visually.

- Interactive Grid System:** Users can create and customize grids by placing walls, start points, and end points.
- Multiple Pathfinding Algorithms:** Supports visualization of Dijkstra's Algorithm, A\* Search, Breadth-First Search (BFS), and Depth-First Search (DFS).
- Real-Time Visualization:** Animates the step-by-step execution of algorithms, showing the path explored and the final shortest path.

## Academic and Extracurricular Achievements

- Solved more than 200+ problems on different platforms like Leetcode, Hacker Rank and GFG.
- Selected for **GSSoC 2024 (GirlScript Summer of Code)**, a prestigious open-source program, to contribute to impactful projects, enhancing real-world software development skills and collaboration experience.
- Volunteered in college tech fests and coding clubs, leading sessions on web development and DSA.

## Certifications

- J.P. Morgan - Software Engineering Job Simulation | **Forage** | [Link](#)
- Building Blog using MERN Stack | **Udemy** | [Link](#)