

# Utkarsh Shrivastava

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Linkdln — Github — Portfolio

Noida, India

## Summary

Motivated developer with a strong foundation in JavaScript, React.js, and Node.js. Passionate about building scalable, high-performance web applications and continuously learning new technologies. Seeking an entry-level software development role to contribute to a dynamic and growth-oriented team environment.

## Technical Skills

Languages: JavaScript, C++

Frontend: Tailwind CSS, React.js, Redux, Redux Toolkit, Responsive Design

Backend & Database: Node.js, Express.js, MongoDB, SQL

Tools & Platforms: Git, GitHub, Vercel, VS Code, Postman

Core CS: Data Structures & Algorithms (DSA), Object-Oriented Programming System (OOPS), DBMS, Operating Systems (OS), Computer Networks

Testing: Jest, React Testing Library, Unit Testing

## Projects

### Dev Tinder (Live) [View Project](#)

*MERN, AWS Server*

- Built a Tinder-like platform for developers where users can send and accept connection requests, and deployed the production-ready MERN application on an AWS Ubuntu server using Nginx and PM2.
- Integrated Razorpay subscription payments, real-time communication using WebSockets, automated match workflows with cron jobs, and Amazon SES for transactional onboarding emails—resulting in smoother multi-device performance, improved scalability, and faster response times.

### AI Trip Planner (Live) [View Project](#)

*Next.js, OpenAI API, NextAuth, Clerk*

- Built a scalable full-stack SaaS AI-Integrated trip planner using Next.js and OpenAI API, generating personalized itineraries with dynamic routing and real-time data from Convex and MongoDB.
- Integrated Clerk authentication, OpenRoute API for secure user onboarding, premium subscription management, and optimized travel routes achieving smooth multi-device performance, improved scalability, and faster load times.

### Maze Runner Robot

*Arduino, C++, Embedded Systems, Algorithm Design*

- Built an autonomous robot capable of real-time maze navigation using ultrasonic and IR sensors, implementing Flood-Fill and Left-Hand algorithms for optimized pathfinding.
- Integrated microcontrollers, motor drivers, and sensors with efficient power and motion control, achieving 95%+ accuracy in dynamic maze environments.

## Experience

Accio Training Institute, Noida

Jul 2025 – Present

Full Stack Developer Trainee

- Completed hands-on training in the MERN stack (MongoDB, Express.js, React.js, Node.js), developing and deploying multiple scalable web applications with focus on modularity, readability, and component reusability.

## Education

Madhav Institute of Technology & Science, Gwalior

2021–2025

Bachelor of Technology in Electrical Engineering

CGPA: 7.64/10

Vidya Bhumi Public School, Chhindwara

Class XII (CBSE)

84.2%

Class X (CBSE)

86.4%

## Certifications & Training

Search Engine Development Workshop — MITS Gwalior

AI & ML Tools and Techniques Workshop — MITS Gwalior

## Achievements

- Solved 300+ DSA problems on GeeksforGeeks and AccioJob.
- 1st Place — Maze Mice Competition (National), MITS Gwalior.
- Top 2 — Robo Maze Competition (National), IIIT Gwalior.
- Top 5 — Nano Navigator Competition (National), IIT Roorkee (Cognizance 2024).