

# Uday Vaidya

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## SUMMARY

Full Stack Developer (MERN) with hands-on experience building scalable REST APIs, real-time applications using WebSockets, and responsive user interfaces with React. Strong foundation in backend development, database design, authentication, and deployment workflows using Docker and AWS. Actively strengthening problem-solving skills through Data Structures & Algorithms.

## EDUCATION

### DAV Institute of Engineering and Technology

Master of Computer Applications (MCA)

Jalandhar, Punjab, India

Aug 2024 – May 2026

### Guru Nanak Dev University

Bachelor of Computer Application (BCA)

Amritsar, Punjab, India

June 2021 – May 2024

## TECHNICAL SKILLS

**Languages:** JavaScript, Python, Java, HTML/CSS, SQL

**Frameworks & Libraries:** React.js, Node.js, Express.js, Spring Boot

**Tools & Technologies:** MongoDB, MySQL, AWS, Docker, Git, RESTful APIs, WebSocket, Postman,

**Core Competencies:** Data Structures & Algorithms (100+ problems), Machine Learning, AI

## EXPERIENCE

### Software Development Engineer (SDE) Intern

ITJOBXS

June 2025 – Aug 2025

Remote

- Developed full-stack web applications using MERN stack with focus on scalable architecture and deployment
- Engineered scalable REST APIs using Node.js and Express, processing 1,500 requests per second with 99.95% uptime, enhancing the application's resilience and availability for end-users.

### Full Stack Developer Intern

Innomatics Research Labs

Sept 2024 – Nov 2024

Hyderabad, India

- Built responsive web applications using React.js, Node.js, and Express.js with database management (SQL & NoSQL)
- Developed RESTful APIs and implemented secure authentication systems for user-centric applications
- Developed 6 reusable UI components using React.js and modern front-end technologies, integrating them into the application, and reducing redundancy in the codebase for future use.

## PROJECTS

### Job Tracker With Embedded GenAI | MERN Stack, GenAI

Jan 2026 – Present

- Developing AI-powered job tracking application with GenAI for intelligent job search and recommendations
- Pioneered the integration of 2 GenAI APIs, enhancing job recommendations with skills extraction from resumes; decreased manual resume review time for recruiters by approximately 1 hour weekly.

### BuzzRoom | Node.js, Express.js, MySQL, WebSocket

Aug 2023 – Oct 2023

- Built real-time chat application with 95% backend efficiency and secure MySQL authentication (99.9% uptime)
- Implemented WebSocket for instant messaging with 200ms latency and 100% responsive UI design

### CodeFlow Nexus | React, Node.js, Socket.io

Jun 2023 – Jul 2023

- Designed collaborative code editor with real-time WebSocket integration for simultaneous multi-user editing
- Implemented syntax highlighting, auto-completion, and multi-language support with secure authentication

## CERTIFICATIONS & ACHIEVEMENTS

**Certifications:** Full Stack Web Development (Coding Blocks), Machine Learning with AI (Internshala), Frontend Development (Innomatics), Data Science (Eternal Restem), Java (HackerRank)

**Achievements:** 100+ DSA problems (LeetCode + GFG + CodingNinjas), 3 Star HackerRank, Ode to Code Award