ASHWANI KUMAR TIWARI

6387853524 | ashwani01t@gmail.com | linkedin.com/in/ashwanitiwari | github.com/Ashwanit101 | Codeforces | LeetCode

Education

Harcourt Butler Technical University (HBTU) Nov 2022 – Jul 2026
B.Tech in Information Technology; CGPA: 8.75/10 *Kanpur, India*
Lucknow Public School Apr 2020 – Mar 2021
Intermediate (PCM): 96% *Lucknow, India*

Experience

Software Development Intern Jun 2025 – Aug 2025
Softsingh Ventures Pvt. Ltd. *Remote*
- **Boosted workflow efficiency by 25%** by developing and deploying full-stack features using React.js, Node.js, Express.js, and MongoDB.
- **Reduced API latency by 20%** through optimization of authentication, user management, and automation REST APIs.
- Enhanced platform security using **JWT**, **Google OAuth**, and **Role-Based Access Control (RBAC)**.
- **Improved database performance by 30%** through MongoDB schema optimization and indexing.
- Integrated Cloudinary to deliver images and assets **18% faster**.
- Worked via Git, GitHub PRs, and Agile sprints to deliver features ahead of deadlines.

Projects

Online Food Ordering Platform (React.js, Node.js, Express.js, MongoDB, Socket.IO) Link
- Developed a scalable MERN-based online food ordering platform supporting seamless browsing and real-time order tracking.
- Enabled real-time order updates with near-instant response times using Socket.IO.
- Integrated secure authentication with JWT and Google OAuth, reducing login failures by **40%**.
- Improved backend performance by optimizing MongoDB queries.

Learning Management System (React.js, Node.js, Express.js, MongoDB, Razorpay, Cloudinary) Link
- Built a complete LMS using the MERN stack with dashboards for students, instructors, and administrators.
- Developed scalable backend APIs supporting course creation, enrollment, and content delivery.
- Integrated Razorpay for secure payment processing with verification.
- Used Cloudinary for optimized delivery of media and video content.
- Implemented protected routing with JWT and Redux Toolkit for secure access control.

Technical Skills

Languages: C++, JavaScript, Python

Frameworks / Tools: React.js, Node.js, Express.js, Redux Toolkit, Socket.IO, Tailwind CSS

Backend: REST APIs, JWT, OAuth, CI/CD, Microservices (Basics)

Databases / Cloud: MongoDB, MySQL, AWS (Basics), Vercel, Netlify

Core Subjects: Data Structures and Algorithms (DSA), Operating Systems (OS), Object-Oriented Programming (OOP), System Design, Software Engineering

Achievements

- Solved **1500 problems** across LeetCode, Codeforces, and CodeChef.
- **CodeChef 3-Star** and **Codeforces Expert** (Peak Rating: 1640).
- Top **1,000** ranks in multiple LeetCode contests.
- Rank **808** in Codeforces Round 1025 (Div 2); Rank **1372** in Neowise Labs Contest 1.
- Rank **600** in TCS CodeVita Round 2.
- Qualified JEE Advanced 2022 and JEE Main 2022 (All India Rank **30,435**).