

AKARSH KHANDELWAL

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🌐 [Akarsh Khandelwal](#)

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🌐 [Portfolio](#)

Education

Indian Institute of Information Technology and Management

August 2019 – July 2024

Integrated degree (B.Tech in Information Technology + MBA) CGPA: 7.63

Gwalior, M.P

Kiddy's Corner Higher Secondary School

2018

Class 12th (CBSE) Percentage: 78.8%

Gwalior, M.P

Kiddy's Corner Higher Secondary School

2016

Class 10th (CBSE) CGPA: 10

Gwalior, M.P

Relevant Coursework

- Data Structures and Algorithms
- Database Management System
- Computer Networks
- Object-Oriented Programming
- Operating System

Experience

VRV Security

December 2024 – Present

Backend Developer Intern

Remote

- Coded an intuitive admin panel, accompanied by a registration and sign-in system that integrated JWT for robust authentication and authorization functionalities.
- Designed and implemented multiple REST APIs by leveraging the Express Framework and Node.js.
- Streamlined CI/CD pipelines by automating build, test, and deployment processes using GitHub Actions, ensuring efficient delivery of backend services to cloud platforms like AWS.

Aspirenex

July 2024 – October 2024

Web Development Intern

Remote

- Worked on frontend components, resolving UI issues to enhance user experience using ReactJS.
- Developed new action creators, reducers, and API endpoints, and optimized Redux store for efficient state management.
- Contributed to agile delivery by ensuring adherence to project requirements, meeting deadlines, and managing code reviews and integration testing.

Projects

TUBETIME(A video streaming platform backend) | *Express.js, MongoDB, Cloudinary* [Code]

- Developed a robust backend for a video streaming platform using Node.js, Express.js, MongoDB, Mongoose, JWT, bcrypt, and Cloudinary.
- Implemented functionalities like user authentication, video uploads, likes, commenting, replying, and subscription management using the Mongoose aggregation pipeline.
- Incorporated JWT and bcrypt for secure password hashing and token management with access and refresh tokens.

JobFindr (Full Stack Job Portal Website) | *MERN Stack, Auth0* [Code] [Live]

- Built a full-stack Job Portal application using Node.js, React.js, and TypeScript, enabling job seekers to browse listings, apply for jobs, and manage their profiles while providing recruiters with tools to post jobs and manage applications.
- Integrated Auth0 for secure authentication, providing role-based access for job seekers and recruiters.
- Used MongoDB for efficient data storage, managing job listings, profiles, and applications in a scalable manner.

Technical Skills

Languages: C/C++, Python, JavaScript, TypeScript, Java, SQL

Development: HTML, CSS, ReactJS, ExpressJS, NodeJS, Bootstrap, NextJS, Tailwind CSS, REST API

Database: MongoDB, MySQL

Cloud: AWS, Vercel

Tools: VS Code, Ms Excel, Ms Word, POSTMAN, Github

Achievements and Responsibilities

- Solved over 500 plus DSA problems over different platforms.
- Pre-finalist in Hacksagon 2020.
- Successfully contributed in HACTOBERFEST 2019, 2021 and 2022 and Girlsript Winter of Coding.
- Actively contributed as a member of the Entrepreneurship Cell (E-Cell) ABVIITM Gwalior
- Engaged as an active member of the Rotaract Club Gwalior, participating in various community service projects.