

# AAKARSH SHARMA

Solan, Himachal Pradesh, India

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[Leetcode](#)

## Education

### University Institute Of Information Technology

August 2018 - June 2022

Bachelor of Technology in Computer Science and Engineering (Percentage of 85 till now)

Shimla, India

### Dayanand Adarsh Vidyalaya

2017

Senior Secondary (92.6 percent)

Himachal Pradesh, India

### Dayanand Adarsh Vidyalaya

2015

Secondary (78 percent)

Himachal Pradesh, India

## Technical Skills

**Programming Languages:** Java, HTML, CSS, JavaScript, TypeScript

**Technologies/Frameworks/Libraries:** GEN AI integration, OPEN-AI, Claude, Cursor, ReactJS, React Native, NextJS, NodeJS, ExpressJS, NestJS, MongoDB, Firebase, AWS (Lambda), Git, GitHub, GraphQL, Socket.io, Contentful CMS, web scraping, Wordpress

**Coursework:** OOPS, DBMS, DSA, OS

## Work Experience

### Freelance Full-Stack Developer

Feb 2024 – Present

Self-Employed

Remote

- Worked directly with clients, understanding their requirements and delivering tailored full-stack solutions, ensuring high-quality development and seamless user experiences.
- Gained expertise in **web scraping** using **Python**, automating data extraction for business intelligence and process optimization.
- Built and deployed **Popup Audio**, an innovative audio application available on both the **App Store** and **Google Play Store**, integrating seamless streaming and user-friendly controls.
- Designed scalable databases and optimized API performance using **MongoDB**, **PostgreSQL**, and **MySQL**, ensuring efficiency and reliability for various projects.
- Utilized **Next.js** and **React.js** to develop high-performance web applications with optimized rendering and smooth API interactions.
- Implemented advanced **state management** techniques using **Redux Toolkit** and **RTK-Query** to enhance app performance and scalability.
- Maintained clear communication with clients, providing technical consultations and regular updates, ensuring projects met business goals efficiently.

### 75way Technologies Pvt Ltd.

Jan 2022 – Jan 2024

Associate Software Developer

Mohali, Punjab, India

- Crafted a full-stack web application with a robust backend architecture, seamlessly integrating APIs through **RTK-query** for optimized performance. Leveraged modern development practices to ensure scalability and reliability, resulting in a seamless user experience.
- Created **OnlyClassActions**, a user-friendly web app with an easy-to-use admin panel. Incorporated features like **CkEditor** and **Excel Js** for better content management. Used **Next.js** to smoothly integrate APIs, ensuring the app runs smoothly and efficiently.
- Built **OnlyClassActions** and **Inception** with the **MERN** stack (**MongoDB**, **Express.js**, **React.js**, **Node.js**) for robust development. Incorporated **Next.js** for efficient API integration, enhancing performance and scalability.

### Trident Technologies Pvt Ltd.[Internship]

July 2021 – November 2022

Web Development Intern

Remote, India

- Developed **Wholeroute Insurance** a comprehensive full-stack web application. Designed an intuitive admin panel enabling **CRUD operations**, fortified with **JWT-based authentication** and authorization techniques for enhanced security and access control.
- Spearheaded the development of **Reventa Homes**, a sophisticated real estate platform that showcases over 200 properties for resale, resulting in a 50 [DEMO](#)
- Tech stack: **Next.js** for frontend, **MongoDB** and **PostgreSQL** as databases, with **Prisma** serving as the **ORM**.

### Popup Audio | *React Native App* | [DEMO](#)

- A cross-platform **React Native** application that allows hosts to create and manage live audio events, while attendees can join and interact seamlessly.
- Integrated **real-time audio streaming** for smooth event hosting and participation.
- Utilized **Firebase** for authentication, **Redux Toolkit** for state management, and **Node.js** with **Express.js** for the backend.
- Tech Stack - React Native, Firebase, Redux Toolkit, Node.js, Express.js.

### AI Interview Tool | *AI-Powered Video Interview System* | [DEMO](#)

- Developed an **AI-driven interview tool** where candidates respond to AI-generated questions through video responses.
- Integrated **FFMPEG** for real-time audio-to-text conversion, making interviews more accessible and analyzable.
- Utilized **OpenAI's API** to evaluate responses, providing insightful feedback on performance.
- Tech Stack - React.js, Next.js, OpenAI API, FFMPEG, Node.js, Express.js.

### Gradial.ai | *Enterprise AI Platform* | [DEMO](#)

- Worked on **Gradial.ai**, a high-performance AI platform that secured \$13 million in funding.
- Developed dynamic content-driven web pages using **Contentful CMS** and integrated **GraphQL APIs** for efficient data fetching.
- Built the frontend using **React.js**, ensuring a scalable and maintainable codebase with optimized rendering.
- Tech Stack - React.js, Contentful CMS, GraphQL, Next.js.

### Montreal Tire | *Montreal Tire Showcase* | [DEMO](#)

- Designed and developed an **e-commerce platform** for a U.S.-based tire company, ensuring a smooth shopping experience.
- Implemented a **custom product filtering system** for easy browsing and selection of tires based on specifications.
- Utilized **Next.js** for SEO optimization and server-side rendering, enhancing site performance and discoverability.
- Tech Stack - Next.js, React.js, Redux, Node.js, Express.js, MongoDB.

### Tableau Integration | *Full Stack Project*

- Developed a full-stack MERN application that integrates **Tableau**, a leading data visualization platform, enabling dynamic and interactive data insights within a React interface. This integration allows users to view and interact with complex data visualizations directly within the web app.
- Utilized Tableau REST APIs to embed and display multiple project dashboards, enabling users to interact with data insights directly in the web app.
- Tech stack includes: React, Bootstrap, Redux, JWT, Node.js, Express, MongoDB, and TypeScript for structured development.

### Katha | *MERN Stack Project* | [DEMO](#)

- A Animated full stack MERN web application convenient for users built using **Framer Motion** and **GSAP**.
- Uses **JWT** for authentication, **Redux** and **redux-persist** to manage states, **REST API** to perform CRUD operations, to store images and **MongoDB** for database.
- Tech stacks - ReactJs, Material UI, Redux, JWT, NodeJS, ExpressJs and MongoDB, Framer Motion

### OnlyClassActions | *NextJs Project* | [DEMO](#)

- A Full Stack Blog Website with complete SEO rated 94 by Google Dev Tools also added many features. Build a full stack NextJs web application convenient for users for performing CRUD operations.
- Added SEO using NextJs built sitemaps and schema.
- Uses **JWT** for authentication, **Redux** and **redux-persist** to manage states, **REST API** to perform CRUD operations, to store images and **MongoDB** for database.
- Tech stacks - NextJs, Tailwind CSS, Redux, JWT, NodeJS, ExpressJs and MongoDB, Framer Motion

## Accomplishments

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- Currently at Rank **9** at GeeksForGeeks Practice at my college level.
- Solved more than 600+ problems across different coding platforms.
- Ranked **216** at CodeStudio's Weekend Contest-97 among 11000+ candidates in Problem Solving.
- Ranked under **307** at Starters-59 contest of Codechef which ranks among the top sites for competitive programmers.