

Akshaj Bansal

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EDUCATION

SRM University

B. Tech in Computer Science

Aug 2023 – Present

CGPA :- 9.94 (Till 4th sem)

V.V D.A.V Public School

Senior Secondary (Class 12)

Apr 2022 – Mar 2023

Percentage :- 85.6%

V.V D.A.V Public School

Higher Secondary (Class 10)

Apr 2020 – May 2021

Percentage :- 96.2%

SKILLS

- **Programming Languages:** Python, C++, Java, C, HTML, CSS, JavaScript
- **Web & Backend Technologies:** React.js, Next.js, Node.js, Spring Boot, MongoDB, MySQL, Firebase
- **Tools & Platforms:** Git, GitHub, VSCode, Microsoft PowerPoint
- **Core Competencies:** Data Structures and Algorithms, Object Oriented Programming, DBMS

EXPERIENCE

Intern

Airtel Payments Bank

June 2025 – Present

- Gaining hands-on experience in Java and Spring Boot for backend application development.
- Contributing to full-stack application testing and debugging in a microservices-based architecture.

Web Development Lead

SQAC, Chennai, India

April 2025 – Present

- Leading the web development team.
- Managing the design and development of the club's official website.

Web Development Tech Member

Coding Ninjas Club SRM, Chennai, India

September 2024 – October 2024

- Contributed to individual and team-based projects in the web development domain.
- Collaborated with a buffer team to enhance website functionalities and performance.
- Gained hands-on experience with modern web development tools and technologies.

PROJECTS

- **AI Trip Planner** | React.js, firebase, API's, Tailwind CSS
 - Developed an AI-based personalized itinerary generator with hotels, budgets, schedules, and Google Map locations.
 - Implemented Google authentication and Firebase storage to allow users to save past trips.
 - Designed a responsive and user-friendly UI with Tailwind CSS.
- **Rhythmix** | Next.js, Tailwind CSS, TypeScript, Firebase, API's
 - Developed a music NFT marketplace allowing artists to tokenize and sell their music as NFTs.
 - Implemented secure user authentication and seamless integration with Firebase for real-time updates.
- **Path Finding Visualizer** | Tailwind CSS, TypeScript
 - Implemented a responsive visualizer for path finding using typescript, HTML, CSS.
 - Developed a tool to teach path-finding techniques, helping over 10 users understand their efficiencies
- **DeepTrace** | Next.js, Tailwind CSS, TypeScript, Firebase, OpenAI, Replicate API
 - Built an AI-powered forensic tool to detect AI-generated content, deepfakes, and manipulated media.
 - Integrated OpenAI and Replicate APIs for multi-stage detection, including text, image, and metadata analysis.
- **Personal Portfolio** | Next.js, Tailwind CSS
 - Showcases skills, achievements, projects, and experience in a structured layout.
 - Integrated a contact form for seamless communication.
 - Optimized for fast performance and responsiveness across all devices.