

# ADITYA TYAGI

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## Education

### Dr. APJ Abdul Kalam University(AKTU)

Bachelor of Technology in Computer Science, SGPA: 7.5/10

Ghaziabad, IN

Nov 2021 – Present

### Central Board of Secondary Education(CBSE)

Intermediate Percentage: 85.6%

Muradnagar, IN

Apr 2019 – Apr 2020

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Machine Learning
- Systems Programming
- Software Engineering
- Database Management
- Internet Technology
- Computer Architecture

## Experience

### Technology Business Incubator

August 2023 – Present

Software Engineer Intern

Delhi - NCR

- Led the development and launch of a high-traffic Next.js website, attracting over 2,500 daily users.
- Designed and spearheaded the development of a comprehensive portal for incubated startups, streamlining document collection, resource management, and certificate issuance. Rendered key functionalities to optimize 50+ startup onboarding, resource access, and certification processes. .
- Improved user experience and platform efficiency, resulting in increased user engagement and satisfaction. Maintained and optimized platform performance for smooth operation and scalability.

### Newton School Coding Club, KIET Group Of Institutions

Novemeber 2022 – Present

President and Project Executive

Ghaziabad, IN

- Led a 200+ member team, fostering collaboration and growth. Initiated project-based learning, driving the completion of 5 projects, equipping members with practical skills.
- Designed and developed a high-performing website, attracting 1,000+ student registrations on launch day. Conducted web development workshops for over a year, empowering fellow students with valuable technical knowledge.
- Collaborated with the community on a national hackathon attracting 10,000+ participants, demonstrating initiative and collaborative spirit.

## Projects

### QualityVeda LMS Portal (Startup) | Node.js, TypeScript, Redis, Next.js, React Redux, Socket.io

January 2024

- Engineered and launched a high-impact LMS portal (1,000+ daily users) catering to startups.
- Integrated secure Stripe payment processing for seamless user transactions and social logins (Google, GitHub) for wider reach and convenience.
- Programmed and implemented real-time notifications via Socket.io, which boosted user engagement by 20%, with a 15% increase in repeat visits. This resulted in faster response times, boosted decision-making, and a more efficient workflow for users within the social media platform.
- Optimized front-end performance for a fast and responsive interface, leading to better user satisfaction.

### MediCords: Revolutionizing Healthcare Communication | Django, React.js, Redux-Toolkit, SQL

May 2023

- Bridged the gap between patients and healthcare providers with a 5-portal system connecting doctors, pharmacists, labs, and receptionists, enabling seamless communication and information exchange. .
- Eliminated paper-based processes, creating a more efficient and environmentally friendly healthcare experience. Streamlined appointment booking, prescription management, test results access, and medical record sharing.
- Achieved recognition at over 5 hackathons, ranking among the top 5 projects.

## Technical Skills

**Languages:** Python, Java, C, HTML/CSS, JavaScript, TypeScript, SQL, MongoDB, PostgreSQL

**Developer Tools:** VS Code, Eclipse, Amazon Web Services, IntelliJ, Redis, Docker, Firebase, Netlify, Render, Vercel

**Technologies/Frameworks:** Linux, Jenkins, GitHub, JUnit, React.js, Next.js, Node.js, Django

## Accomplishments

- Orchestrated a comprehensive 5-day on-ground workshop on React, empowering 100+ students.
- Spearheaded a college-wide event, reconnecting 500 diverse alumni cohorts.
- Contributed to "Informatician," refining search functionality and streamlining code structure in "Counsellor" web app, enhancing their performance and usability.
- Spearheaded impactful projects in service/academics/unity, leading & engaging 200+ members.