

# 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

## Experience

### Sirajex Diagnostics Pvt Ltd

December 2023 – Present

Software Developer

Ghaziabad, IN

- Developed the QualityVeda LMS portal with secure Razorpay payments, social logins, and real-time notifications, boosting user engagement by 20%.
- Built a comprehensive CRM for course management, user enrollment, and certificate distribution, streamlining administrative tasks.
- Optimized front-end performance, improving user satisfaction for over 1,000 daily users.

### Technology Business Incubator

August 2022 – Present

Software Engineer Intern

Delhi - NCR

- Contributed to an incubator that has provided over 20 crore INR in funding to various startups, recognized as one of the best incubators in the state.
- Led the development and launch of a high-traffic Next.js website, attracting over 20,000 weekly users and enhancing platform efficiency.
- Designed and developed a comprehensive portal for the organization's 50+ incubated startups, streamlining document collection, resource management, and certification processes.

## Projects

### SpringBee | Node.js, TypeScript, Redis, Next.js, React Redux, Socket.io

January 2024

- Engineered SpringBee.tech portal, transforming online education with features like Admin Dashboard, User Dashboard, Real-Time Messaging, and Stripe Payment Gateway.
- Realized a 30% reduction in website loading time through optimized chunking techniques and implemented real-time notifications using socket.io.
- Hosted frontend on Vercel and backend on Render.com for seamless scalability and reliability.

### 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, GitHub, JUnit, React.js, NextJs, NodeJs, ExpressJs

## Leadership

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

November 2022 – Present

President

Delhi - NCR

- Led community of 1200 members, drove 5 projects, collaborated on hackathon with 10,000+ participants.
- Spearheaded the development of nsckiet.tech, enhancing online presence, and integrated YouTube API, saving students 100+ hours.
- Conducted web development workshops, empowering students with practical skills.

## Extracurricular

- 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.