

# AMITESH YADAV

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## EDUCATION

### Indian Institute of Information Technology, Allahabad

Bachelor of Technology in Electronics and Communication Engineering (Current CGPA - 7.51)

Jul. 2021– Present

Prayagraj, Uttar Pradesh

### Delhi Public School (Class 12th)

Percentage - 95.4%

Apr. 2020–Mar. 2021

Panipat, Haryana

### Delhi Public School (Class 10th)

Percentage - 96.6%

Apr. 2018–Mar. 2019

Panipat, Haryana

## CODING PROFILES

- **Codeforces** – Highest Rating: **1678 (Expert)** | [TooMuchFreeTime](#)
- **LeetCode** – Highest Rating: **1950 (Knight)** | [zeaton](#)
- **Codechef** – Highest Rating: **1842 (4 Star)** | [zeaton](#)
- **GeeksForGeeks** - [zeaton](#)

## PROJECTS

[tbh.app](#) | [Nextjs](#), [React](#), [TypeScript](#), [NextAuth](#), [OpenAI API](#), [MongoDB](#). | [Github](#)

- Introduced tbh.app, a comprehensive application offering a platform for users to send messages anonymously.
- Developed a 100% secure authentication system with **JWT tokens**, integrated AI functionalities through OpenAI API, and utilized **Next.js** for front-end development and a **Node.js** back-end with **Express** for API handling.
- Implemented features such as OTP verification during registration and 3 AI-driven suggestions to boost user engagement by 25%.

[AskMe.pdf](#) | [NextJS](#), [React](#), [Prisma](#), [tRPC](#), [Tailwind](#). | [Github](#)

- Developed AskMe.pdf, an AI-enhanced PDF reader that simplifies information retrieval enhancing productivity.
- Designed and implemented **tRPC** and **Zod** for robust API communication, streamlining data transmission processes and resulting in a 50% reduction in error rates during real-time data retrieval for customer queries.
- Incorporated functionalities such as drag-and-drop, tiered pricing with free and pro plans, and a sleek, contemporary user interface using **shadcn/ui**, and Prisma for effective database management.

[Quizmate](#) | [NextJS](#), [TailwindCSS](#), [OpenAI](#), [NextAuth](#). | [Github](#)

- Created a platform that empowers users to develop AI-based quizzes on any topic, enhancing learning experiences.
- Built a robust web application using Next.js for seamless front-end performance and TailwindCSS for responsive design, achieving a load time reduction of 20%. Utilized React Query for efficient data fetching and Prisma for ORM operations.
- Engineered secure authentication via NextAuth implementation, decreasing data breach risks by 35%, dark-light mode toggle, and the freedom of choice between generating multiple-choice questions or open-ended questions.

## ACHIEVEMENTS

- Achieved Global ranks of **162, 418, 605, and 933** in **Codeforces** Rounds - 867, 950, 880 and 860 respectively.
- Secured Global Rank **44, 281, 365, and 455** in **Codechef** Starters 96, 97, 142 and 119 respectively.
- Solved **1000+** coding problems on various platforms, showcasing problem-solving skills and algorithmic proficiency.
- Top **3%** on Leetcode with a rating of **1950**.
- Ranked in the Top 1% in JEE Mains with a percentile of 99.18 and AIR 8416 and also cleared JEE Advanced.

## TECHNICAL SKILLS

**Languages:** C++, HTML, CSS, JavaScript, SQL, TypeScript.

**Technologies/Frameworks:** React.js, Next.js, Node.js, MongoDB, PostgreSQL, Prisma, Mongoose, Express.

**Relevant Coursework:** Data Structures and Algorithms, Database Management and Systems, Object Oriented Programming, Operating Systems.

## POSITION OF RESPONSIBILITIES

- Sarasva Volunteer Team 2022 (Literary Society).
- Volunteered for Effervescence Team (2021-22).
- Managed over 1600 participants for the Inter-IIIT sports meet 2024 as part of the Asmita Head Team.