

# ABHYUDAY MISHRA

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## Education

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### Thapar Institute of Engineering & Technology

August 2023 – May 2027

Bachelor of Technology in Electronics and Computer Engineering

Patiala, Punjab

Current CGPA: 8.78

## Experience

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### Full Stack Developer Intern

September 2025 – Present

Macaron Ventures

- Engineering core product features including event creation workflow, multi-phase ticketing system, and brand profile management using Next.js and PostgreSQL.
- Constructing and integrating RESTful APIs to handle event data, ticket transactions, and user profile operations across the platform.
- Eliminated 15+ production bugs during initial onboarding month, improving application stability and user experience.
- Designing and implementing responsive frontend components using modern React patterns and TypeScript for improved code maintainability.

### Full Stack Developer Intern

July 2025 – September 2025

InfoTechBrains

- Delivered features for a production e-learning platform serving 15+ schools using Next.js, Node.js, and MongoDB.
- Formulated backend APIs and database schemas for automated class scheduling, authentication, and exam management modules, streamlining daily operations for educators and students.
- Debugged and rectified 10+ production bugs in the Node.js backend, optimizing PostgreSQL database queries and REST API workflows for enhanced system performance.

## Projects

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### Drop and Sync | *Next.js, PostgreSQL, Prisma, AWS S3, NextAuth* [🔗](#)

March 2025

- Architected a full-stack file management application with secure upload, storage, and retrieval capabilities using Next.js, PostgreSQL, and AWS S3.
- Configured user authentication and authorization with NextAuth, supporting credential-based login and session management.
- Enabled secure file sharing functionality with downloadable links and QR code generation for seamless resource distribution.
- Optimized database queries using Prisma ORM and PostgreSQL indexing, improving data retrieval efficiency.

### Next-Hire-AI | *Next.js 15, Gemini AI, PDF.js* [🔗](#)

April 2025

- Devised an AI-powered resume analyzer using Gemini AI API to extract insights from PDF documents and generate personalized career recommendations.
- Leveraged PDF.js for client-side text extraction and parsing, processing resume data into structured JSON format for analysis.
- Integrated Google Gemini API via server-side endpoints to automate resume parsing, leveraging chain-of-thought prompting to extract key metrics and format responses for the frontend.
- Rendered dynamic data visualization with modal components and field highlighting, displaying skill gaps and optimization suggestions.

## Technical Skills

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**Languages:** C/C++, HTML/CSS, JavaScript, TypeScript

**Databases:** MongoDB, PostgreSQL, Redis

**Developer Tools:** VS Code, Google Cloud Platform, AWS, Firebase, Strapi, Prisma, Postman

**Frameworks:** React, Node.js, Next.js, Express.js, Tailwind CSS, Socket.io

## Achievements

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- \* Achieved **1200+ rating on CodeChef** through solving 150+ data structures and algorithms problems, demonstrating proficiency in C++ and problem-solving.
- \* Achieved **MERN Stack certification from Udemy**, demonstrating proficiency in React, Node.js, Express.js, and MongoDB for building scalable web applications.
- \* Selected for **Smart India Hackathon (SIH) 2024 Internal Round** among 500+ participants, showcasing innovation and technical competency in software development.