

Abhinav Anand

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Education

B.Tech (Computer Science and Engineering) - 85.27%

ABES Engineering College, Ghaziabad

Expected July 2027

Class 12 – 90.66%

Seth M. R. Jaipuria School, Varanasi

Class 10 – 94.83%

Seth M. R. Jaipuria School, Varanasi

Technical Skills

- **Languages:** C++, Python, C, SQL, JavaScript
- **Frameworks:** Node.js, Express.js, EJS, Tailwind CSS
- **Databases:** MongoDB, PostgreSQL
- **Tools:** Git, GitHub, Vercel, Mongoose, Joi
- **Concepts:** Data Structures & Algorithms, Object-Oriented Programming, MVC Architecture, REST APIs, Authentication, Middleware, Debugging

Projects

BillFlow – E-Billing & Invoice Platform

Node.js, Express.js, MongoDB, EJS, JavaScript

Live Demo | GitHub

- Architected a full-stack MVC E-Billing platform using Node.js, Express.js, MongoDB, and EJS for dynamic invoice generation and client management.
- Implemented secure session-based authentication with role-based access control (RBAC), bcryptjs, and persistent session storage using connect-mongo.
- Developed a customizable invoice engine supporting dynamic invoice fields, automated tax calculations, and comprehensive server-side validation using Joi and Mongoose.
- Built centralized error-handling middleware and optimized application reliability through robust validation, middleware architecture, and cache management.

Zerodesk – Agentic Customer Support SaaS

Group Project

- Contributed to the development of a SaaS platform for automating customer support workflows using AI-driven task handling.
- Implemented authentication and tenant-based access control to ensure secure and isolated user interactions.

Coding Achievements

- Winner of CONVOKE Competitive Programming Contest, Cluster Innovation Center, University of Delhi (April 2026).
- LeetCode: Earned the Knight Badge and solved 850+ problems.
- CodeChef: Achieved 3 Star rating.

Leadership

Community Head, Chess Forum of ABES Engineering College

2025 – Present

- Leading and managing chess community activities and events.
- Encouraging student participation and strategic thinking through competitions and workshops.

College Ambassador, Chess.com

Sep 2024 – Nov 2025

- Represented Chess.com at the college level, promoting platform engagement and events.
- Coordinated activities to increase student participation in online chess initiatives.