



Abhishek Duggal
**Computer Science &
Engineering**
**Chitkara University of
Engineering and Technology**

2111981010
abhishek.duggal2002@ gmail.com
7009582148
<https://github.com/abhishek-1010B?tab=repositories>
<https://www.linkedin.com/in/abhishek-duggal-8592321aa/>

Examination	University	Institute	Year	CPI / %
Graduation	Chitkara University	CUET, Baddi	2025	7.65

SCHOLASTIC ACHIEVEMENTS

- Awarded **7 O** (Outstanding) grades for exceptional performance in courses including Discrete Structures, Data Structures, Design and Analysis of Algorithms given to **top 5%** of the batch (2022)
- Awarded Excellence Certificate from Infosys Springboard for **Competitive Programming** (2022)
- Secured **Rank-4** in Math Olympiad in the school. (2017)

WORK EXPERIENCE

FREELANCE FULL STACK DEVELOPER

- Travelpedia : Tourism website , my role was to add new pages in the frontend (HTML, CSS)
- and update code in Hostinger and managing backend activities .

PATENTS AND RESEARCH PROJECTS

Integrated Dispenser Unit

Guide: Mrs Sandhya Sharma | Course Credits Research

Summer 2023
Chitkara University, H.P

- Successfully participated in the Intellectual Property Rights competition.
- Idea for an integrated dispenser unit was selected by top juries.
- Application Number: 202211061802

Automated System to Order Medicine

Guide: Mrs Sandhya Sharma | Utility Patent

Winter 2022
Chitkara University, H.P

- Participated in the Intellectual Property Rights competition.
- Developed and presented an innovative idea for an automated system to order medicine.
- Application Number: 202211062904802

Multipurpose Table with Adjustable Projector

Guide: Mrs Parul Dutta | Design Patent

Summer 2022
Chitkara University, H.P

- Developed and presented a novel concept for a multi-purpose projector with an adjustable projector feature.
- Application Number: 386766001

KEY PROJECTS

Personal Portfolio Website

Guide: Prof. Baljit Singh | Course Project: Full Stack Development

Winter 2023
Chitkara University

- Developed a personal portfolio website using HTML, CSS, and JavaScript.
- Implemented front-end interactivity and styling to create an engaging user experience.
- Currently integrating back-end functionality using Node.js and Express.
- Utilizing MongoDB for database management to store and retrieve portfolio data.
- Enhancing portfolio websites with dynamic content and interactive features to showcase skills and projects effectively.

Tourism Website with Full-Stack Functionality

Guide: Er Himashu Gupta | Course Project: Full Stack

Summer 2023
Chitkara University

- Integrated back-end functionality using Node.js and Express to handle server-side operations.
- Utilized MongoDB for database management, enabling seamless storage and retrieval of user data.
- Implemented user authentication and authorization features to ensure secure access to website resources.

Quiz Application for Assessing User Capabilities

Summer 2022
Chitkara University

Guide: Er Udayveer Singh | Integrated Project

- Developed a dynamic Quiz Application using HTML, CSS, and JavaScript.
- Implemented a user-friendly interface for seamless navigation and interaction.
- Designed a diverse range of quiz questions to comprehensively assess users' capabilities.
- Integrated back-end functionality using Node.js and Express to manage user authentication and quiz data.
- Utilized MongoDB for efficient storage and retrieval of user profiles and quiz results.
- Incorporated features for real-time feedback and result analysis to provide users with valuable insights into their capabilities.

TECHNICAL SKILLS

Programming Languages	Proficient in: C, C++, Java, Python Familiar with: React JS, Node JS, ExpressJS
Development	HTML5, CSS, JavaScript, Git, MongoDB, Tailwind CSS, SQL
Others	Cloud Computing, Networking, Operating System, Red Hat Linux, Excel, PowerBI

POSITIONS OF RESPONSIBILITIES

Technical Head, CU-Arcs, Chitkara University	May 2023 - Present
• Oversee the management of data pertaining to sports and athletes within the organization	
Event Organiser, Chitkara University (SDG Hackathon)	Aug 2022
• Appointed as one of the Event Organizer through various processes in the SDG Hackathon	

RELEVANT COURSES

- **Core Certifications (Infosys) :** Programming Using C++ , Software Engineering, JavaScript , Artificial Intelligence, Generative AI (Google cloud)
- **Extra Certifications :** Cloud Computing, Cyber Security

EXTRACURRICULAR

- **Sustainable Development Goals (SDGs) Hackathon** - Designed and implemented a framework where participants addressed 17 themes related to the SDGs. Demonstrated effective leadership and project management skills throughout the event.
- **E - BAJA National-Level Event** - Coordinated transportation logistics for guests arriving from various parts of India, ensuring punctual arrival at the university campus.