

# Ayoush Kumar

4th Year B-tech Undergraduate  
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Chandigarh

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## Academic Qualifications

| Year           | Degree/Certificate | Institute  |
|----------------|--------------------|--|
| 2020 - Present | B.Tech             | Punjab Engineering College (Deemed To Be University) |
| 2019           | CBSE(XII)          | Govt Model Sr Sec School, Sector 27c, Chandigarh     |
| 2017           | ICSE(X)            | JP Gurukul High School, Pinjore                      |

## INTERNSHIP

(Dec'23 - Jan'24)

- **Arcadix** (Development of a full-stack website for Arcadix)
  - Contributing in the development of an organization's website, leveraging cutting-edge technologies such as Next.js.
  - Quality assurance and debugging.
  - Technologies: HTML, CSS, JavaScript, Prisma, Nextjs, React.

## PROJECTS

- **Authentication System**
  - Designed and build an Authentication System from scratch using MERN.
  - JWT was used for Authorization.
  - Technologies: HTML, CSS, JavaScript, MongoDB, Express, React, Node.
- **Real-time Chat App with React, Node & Socket.io**
  - Build a chat app with key features Real-Time Messaging, User-To-User Messaging, Group Chats, Notifications, WebSocket Communication, User Status, File Sharing, Search Functionality, Scalability, Messaging History & Cross-Browser Compatibility.
  - For user Authentication and Authorization JWT was used, secure WebSocket protocols to protect against potential vulnerabilities, HTML, CSS & JavaScript for UI.
  - Responsive and mobile-friendly design to ensure a shameless experience on various devices and screen sizes.
  - Technologies:- HTML, CSS, JavaScript, WebSocket API or Socket.io, MongoDB, Express, React, Node.

## Technical Skills

- **Programming Languages:** C/C++, Data Structures & Algorithms, Javascript.
- **Web-Dev:** HTML, CSS, Javascript, React, Node-Js, MongoDB, SQL.
- **Software and Tools:** Visual Studio Code, Google Chrome ,Ms office, Windows(OS).

## ACHIEVEMENTS

- **Positions Of Responsibility**
  - Member of registration committee in ICAMM (2022)
  - Joint Head of Discipline committee for blood donation camp organized by Department of Transfusion Medicine PGIMER.
- **Certifications**
  - Data analysis with python FreeCodeCamp. (Aug' 2023)
- **Hackathons & Competitions**
  - Secured position among Top 50 in a National Coding Contest organised by ACM. (2022)
  - Won Face Painting Competition in school level contest (2016)

## Relevant Courses

(Dec'2020 - Ongoing)

|  |  |
|--|--|
| Introduction to Computing<br>Artificial Intelligence and Machine Learning<br>Computer Networks | Data Structures and Algorithms<br>Analysis and Design Of Algorithm<br>Operating System |
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## Extra-Curricular Activities/ Interests

- Problem Solving & Competitive Programming.
- Cinephilia.
- Video games.
- Travelling & Sketching.