

# AISHWARY JAIN

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## Education

<b>B.Tech in Computer Science and Engineering</b>	<b>2022 - 2026</b>
Jaypee University of Engineering and Technology, Guna, India	
CGPA: <b>7.8 / 10</b>	
<b>Class 12th (CBSE) and Class 10th (CBSE)</b> , Shiv Jyoti Convent School	<b>2019 - 2021</b>
Class 12th Percentage: <b>89.4%</b> , Class 10th Percentage: <b>92%</b>	

## TECHNICAL SKILLS

**Programming Languages and Concepts:** C++, OOPs, Java (for DSA), Python, DBMS  
**Databases and ORMs:** Django, PostgreSQL, Sqlite  
**Tools and Cloud Platforms:** Git, Linux(Ubuntu), AWS cloud(EC2, S3), TCP/IP, REST APIs  
**Technical Expertise:** User Authentication, CRUD Operations

## EXPERIENCE

<b>Web Developer Intern</b>	<b>Jun 2023 - Jul 2023</b>
<b>MEDCORDS</b>	<a href="#">Website</a>

- Developed a website that resulted in a **20%** increase in **user engagement** for a Medcord's project.
- Collaborated closely with a **cross-functional team** to enhance product delivery, **improving overall user experience**
- Optimized website **query performance** by **implementing database indexing** resulting in **faster information retrieval** and **reducing latency**.

## OPEN SOURCE CONTRIBUTIONS

<b>Cloud-CV - EvalAI</b>	<a href="#">Contributions</a>
<ul style="list-style-type: none"><li>Improved the Flow of APIs by identifying and <b>debugging 8+ breakpoints</b> of the Codeflow.</li><li>Managed <b>Exception Handling</b> at <b>15+</b> different instances where it was needed.</li><li><b>Improved</b> the <b>Frontend</b> of the application for a <b>more intuitive User Experience</b>.</li><li><b>Technology Used:</b> Django, Python, APIs and Github.</li></ul>	

## PROJECTS

<b>1) URL Shortener: Developed a URL shortening service to create shareable links</b>	<b>Dec 2024 - Mar 2025</b>
<ul style="list-style-type: none"><li>Reduced database query <b>latency</b> by <b>40%</b> through <b>optimized</b> PostgreSQL indexing and <b>API response tuning</b>.</li><li>Reduces the length of URL by <b>75%</b> to <b>80%</b>.</li><li>Useful to meet the Character Limits. <b>Used by 25+ Users</b>.</li><li><b>Technology Used:</b> Django, PostgreSQL, Github, Render.com, HTML, CSS.</li></ul>	
<b>2) FlightsApp: User Friendly Flight booking management System</b>	<b>Feb 2024 - May 2024</b>
<ul style="list-style-type: none"><li>Built dynamic web pages using <b>Django Views</b> and <b>Templates</b> to display flight details and allow flight bookings.</li><li>Implemented <b>CRUD</b> (Create, Read, Update, Delete) <b>operations</b> for flight records with user-friendly forms.</li><li>Applied database queries using <b>Django ORM</b> to <b>fetch, Input and</b> display flight and passenger details.</li><li>Implemented <b>models and migrations</b> to manage flights, airports and passenger data.</li><li><b>Technology Used:</b> Django, Python, sqlite3, Authentication, Migrations.</li></ul>	
<b>3) Django Apps</b>	<b>Jun 2024 – Sep 2024</b>
<ul style="list-style-type: none"><li><b>DayInfo: Displays contextual information about any selected date.</b><ul style="list-style-type: none"><li>Determines if the selected date is a Notable Day(Example: Diwali) and instantly display the result.</li><li>Processed <b>100+</b> User Queries in testing with Real-time Results under <b>200ms</b>.</li></ul></li><li><b>Task List: You can add or remove Tasks from the list.</b><ul style="list-style-type: none"><li>Built a <b>multi-user</b> Task list application featuring <b>session management</b>, for distinct users.</li><li>Implemented <b>CSRF</b> protection for secure form Submissions.</li></ul></li><li><b>Technology Used:</b> Python, Django, sqlite3.</li></ul>	

## ACHIEVEMENTS and CERTIFICATIONS

- NPTEL- Data Structures and Algorithms by Madhavan Mukund Sir - **Chennai Mathematical Institute**.
- Currently pursuing Certification Course- **AWS Cloud Technical Essentials** from Coursera.