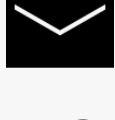



# Jay Patel

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## Profile

Enthusiastic Computer Science student with a strong interest in backend development and cloud technologies. Experienced in building web and mobile applications, managing databases, and leading projects. Passionate about learning new technologies and solving real-world problems.

## Skills

- Programming Languages:  
C, C++, Python, Java, JavaScript (Basic)
- Web Technology:  
HTML, CSS, Firebase, ASP.NET core, React.js, Node.js, AWS Tools (DynamoDB, S3)
- Other Technology:  
Unity, Blender, Metashape, github, Jira

## Certifications

- JAVA Programming NPTEL (Nov 2024).
- DataBase Managment NPTEL (March 2025).
- Design and Analysis of Algorithm NPTEL (March 2025).

## Experience

### Sparks To Ideas (summer 2025)

- Completed 1-month MERN stack web development internship.
- Built a Job Management System with role-based dashboards and CRUD features.

### Indian Space Academy (summer 2025)

- Processed JWST datasets using Python with FITS file handling and scientific computing.
- Applied astronomy and physics concepts such as light-curves, atmospheric studies, and radio astronomy.

## Education

### Charotar University of Science And Technology (CHARUSAT)

B.Tech in Computer Science and Engineering  
2023-2027

CGPA - 9.15 (Till 4 semesters)

## Projects

### EvntSet (Team-Lead) Jan 2025-April 2025

Developed a web and mobile platform for university fest/event management using ASP.NET Core and AWS tools, enabling seamless event registration, QR-based attendance tracking, real-time communication, and efficient archival of past events.

**Link:** [evntset-web.vercel.app](https://evntset-web.vercel.app)

### FusionAll (Backend Dev) Aug 2024-Nov 2024

Built a collaborative learning platform using Firebase and React.js, featuring real-time chat, group discussions, file sharing, and a blogging system to enhance peer-to-peer learning.

**Link:** [fusionall.vercel.app](https://fusionall.vercel.app)

### Cultural India (Animator) Aug 2024-Nov 2024

Designed an interactive website showcasing Indian heritage and culture, featuring a festival/heritage map and immersive virtual tours of monuments, using Unity, Blender, Metashape, and C#

**Link:** [Visioneers.vercel.app](https://visioneers.vercel.app)

## Intrestes

- Traveling
- Chess
- Swimming
- Cricket
- Nature Photography