

# Jash Borad

B.Tech. in Computer Science and Engineering  
G H Patel College of Engineering & Technology, Anand

+91-9773435148  
[jashborad13@gmail.com](mailto:jashborad13@gmail.com)  
Github | LinkedIn

## Education

Degree	Institute	CGPA/%	Year
B. Tech	G.H Patel College of Engineering & Technology, Anand	9.34	2023–2027
Senior Secondary	AshaDeep International School, Surat (GSEB)	72%	2023
Secondary	J.B. & KARP Vidya Sankul, Surat (GSEB)	79%	2021

## Work Experience

### BrainyBeam Technologies Pvt. Ltd.

Python Developer Trainee

May 2025 – Jun 2025

Remote

- Completed a structured 30-day internship focused on Python and Django backend development.
- Worked with Django MVT architecture, ORM, authentication, and relational database integration.
- Developed *CustomerPlus*, a customer management portal with full CRUD functionality and relational models using Django ORM.
- Implemented reusable backend modules and applied scalable application design principles.

## Projects

### AI-Assisted UI Generator

Personal Project

Jan. 2026 – Feb. 2026

GitHub

- Developed a full-stack application that converts natural language prompts into responsive React UI components.
- Integrated OpenAI API to generate structured JSX with Tailwind CSS styling.
- Implemented secure backend API routes and dynamic code rendering with live preview functionality.
- Applied prompt-engineering techniques to ensure valid, reusable, and production-ready component output.
- Tech Stack:** Next.js, React, Tailwind CSS, OpenAI API, Framer Motion

### Video Summarization Platform Using AI

Personal Project

Jan. 2026 – Feb. 2026

GitHub

- Developed an AI-based platform that generates text and visual summaries from uploaded videos.
- Implemented speech-to-text transcription using Whisper and audio extraction via MoviePy.
- Integrated OpenAI API to produce structured summaries, keywords, and timestamp-based highlights.
- Designed an interactive Streamlit interface with downloadable reports and highlight clip generation.
- Tech Stack:** Python, OpenAI API, Whisper, MoviePy, Streamlit

### Real-Time Code Collaboration Platform

Personal Project

Nov. 2025 – Dec. 2025

GitHub

- Developed a browser-based collaborative code editor enabling real-time multi-user code editing and synchronization.
- Implemented WebSocket-based communication for instant change propagation across connected clients.
- Integrated Monaco Editor for IDE-like functionality including syntax highlighting and auto-completion.
- Designed secure code execution using Docker containers with live output streaming.
- Tech Stack:** React, Node.js, Express, WebSockets, Docker, Monaco Editor

## Technical Skills

- Programming Languages:** C, C++, JavaScript, Python, SQL
- Frameworks & Libraries:** Node.js, Express.js, React.js, Django (Basics)
- Databases:** MongoDB, PostgreSQL, SQLite
- Developer Tools:** Git, GitHub, VS Code, Postman
- Robotics & Systems:** ROS2, TF2, Navigation2, Visual Odometry, Linux, Jetson Orin Nano, Raspberry Pi
- Areas of Interest:** Full Stack Web Development, Cloud Computing, System Design, Machine Learning, Big Data Analysis.
- Soft Skills:** Team Collaboration, Problem Solving, Communication, Adaptability, Self-Driven.

## Leadership Experience

ROS Lead – GCET Team Robocon

Jan 2024 – Present

**ABU Robocon 2025 & 2026**

- Led ROS development for **ABU Robocon 2025** and currently serving as ROS Lead for **Robocon 2026**.
- Secured institutional grants of Rs. 6,05,000 (2025) and Rs. 7,00,000 (2026) from Charutar Vidya Mandal for the robotics team.
- Designed and developed an omni-directional drive robot controller using ROS2, TF2, and Navigation2 frameworks.
- Implemented Visual Odometry and the autonomous Navigation2 stack for real-time robot localization and path planning.
- Mentored team members on ROS2 concepts, robot kinematics, and autonomous navigation principles.

## Certifications

Introduction to Internet of Things (Gold + Elite), NPTEL

May 2025

Mastering Linux, Udemy

Mar 2025

SQL (Basic), HackerRank

Oct 2024

Programming in C, Red & White Skill Education

Jul 2023