

# Madhav Bhansali

bhansalimadhav03@gmail.com

github.com/BhansaliMadhav

LinkedIn

(+91) 72195 64309

## EDUCATION

- National Institute Of Technology Andhra Pradesh** Tadepalligudem, India  
*B.Tech, Electronics and Communication Engineering* Aug 2021 - May 2025

## SKILLS

- Programming Languages:** C/C++, Python, JavaScript, TypeScript
- Version Control:** Git, GitHub
- Full Stack Technologies:** React.js, Next.js, Node.js, Express.js
- DevOps Tools:** Docker, AWS
- Databases:** MongoDB, SQL, Prisma
- Operating Systems:** Windows, Linux

## EXPERIENCE

- DefyD** Bangalore, India  
*Software Developer Intern* Apr 2025
  - Revamped product website, increasing user retention by 50% and session time by 150%.
  - Developed WhatsApp-based AI workflows enabling users to perform actions via chat.
  - Integrated AI for seamless automation without needing web navigation.
- Asta Health Tech** Remote  
*Product Developer* Feb 2025 - May 2025
  - Built a real-time patient monitoring demo that evolved into a hospital management system.
  - Implemented role-based access control and secure login for hospital staff and administrators.
  - Ensured data privacy with improved security and short-lived asymmetric encryption keys.
  - System includes modules for patient records, staff management, and communication workflows.

## PROJECTS

- Jarvis:**
  - Built a SaaS platform for querying PDF documents using AI via Hugging Face and Pinecone.
  - Integrated Stripe for tiered pricing; frontend built with Next.js, backend with Node.js.
- Stream It:**
  - Streaming platform using Next.js, LiveKit, and Clerk auth with SSR optimization.
  - Boosted retention by 15% using loading skeletons and improved queries with Prisma.
- Project Management App:**
  - Task and timeline management app built with Next.js and AWS Cognito.
  - Clustered Node.js backend deployed on AWS for scalability.

## ORGANIZATIONS

- AI and Robotics Club** Tadepalligudem, India  
*Co-Secretary* Aug 2023 - May 2025
  - Coordinated Hackademia, a 24hr Gen AI Hackathon in Jan 2025.
  - Led organization of major tech events: Techkriya and Vulcanzy.
  - Contributing to development of rover and robotic arm projects.

## CERTIFICATIONS

- Database Management System (Certificate)