

# Hariom Khonde

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## Education

### PES University RR Campus

Aug 2024 – Jul 2027

B.Tech in Computer Science and Engineering  
Bangalore, India

- Focus on software engineering, algorithms, and system design.
- Active in hackathons and coding challenges.

### PU, Diamond PU Science College, Bidar

2023 (94.44%)

### Xth, Rajrashi Shahu Residential School, Bidar

2021 (93.3%)

## Experience

### Research Intern

CHEAL Research Center

- Working on an image processing-based assistive tool for elderly individuals.
- Aims to detect and identify medicine strips using OCR and computer vision.
- Focused on helping the elderly recognize medication names and check tablet intake history.

### CODE RED'25 - Hackathon

BMS, E-CELL BMSIT

- 25-hour event with 500+ teams; reached top 10.
- Developed a waste management platform with AI-powered categorization and geolocation.
- Utilized React and Node.js for rapid prototyping.

### Epoch 2.0 DataThon

Aura Club

- Developed an AI solution for brain tumor MRI analysis (Tumer-Detect).
- Employed TensorFlow, React, and Flask for classification and treatment recommendations.

### Terrathon 4.0 - Hackathon

Alcoding Club

- Ranked Top 10 out of 160+ teams at a sustainability-focused hackathon.
- Built EcoScan, a mobile app promoting eco-friendly consumption using AI and React Native.

## Projects

### Tumer-Detect

Brain Tumor MRI Analysis System

- Analyzes MRI scans to detect and classify Glioma, Meningioma, and Pituitary tumors.
- Provides AI-driven treatment suggestions with confidence scoring.

### Dhanvantri Project

Healthcare Initiative

- Platform offering medical knowledge in local languages.
- Empowers rural communities with accessible healthcare.

### EcoScan

Smart Sustainability Scanner App

- Scans product barcodes, rates sustainability, and suggests greener alternatives.
- Built with React Native (Frontend), Gemini Pro (AI Models), Open Food Facts, and sustainability datasets.

## Skills

**Languages:** JavaScript, C++/C (DSA), Python (Intermediate).

**Frameworks:** Next.js, React.js, Express.js, Mongoose, Django.

**Tools:** VS Code, Git, Github, Postman, MongoDB.