

# Samson Tejas Pandrinki

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## Professional Summary

Innovative Information Technology student with a proven track record in full-stack development and machine learning. Demonstrated excellence through multiple hackathon victories, including first place in BrainOVision's AR Hackathon and Smart India Hackathon. Skilled in developing impactful solutions using React, Node.js, and Python, with hands-on experience in AR/VR technologies and IoT. Consistently delivers high-quality projects combining technical expertise with creative problem-solving, as evidenced by successful implementations in financial technology, AR-based education, and women's safety applications.

## Education

**B.Tech in Information Technology — CGPA: 9.02** 2022 – 2026  
*Anil Neerukonda Institute of Technology & Sciences*

**Senior Secondary (XII) — Percentage: 78.00%** 2022  
*Sri Chaitanya Junior College*

- Board of Intermediate Education, Andhra Pradesh (BIEAP)

**High School (X) — CGPA: 8.9** 2019  
*St. Joseph's English Medium High School*

- Board of Secondary Education, Andhra Pradesh (BSEAP)

## Experience

**Web Development Intern** Visakhapatnam  
*Oasis InfoByte* July 2024

- Developed responsive portfolio applications using React, HTML, CSS, and JavaScript
- Implemented modern UI/UX best practices for optimal user experience
- Created efficient and maintainable code following industry standards

**Machine Learning Intern** Visakhapatnam  
*CodeAlpha* June 2024

- Developed ML models for autism prediction and credit score analysis
- Implemented handwritten character recognition systems
- Applied data preprocessing and model optimization techniques

## Technical Skills

<b>Programming Languages</b>	<b>Databases</b>
◦ JavaScript, Python, Java, TypeScript	◦ MongoDB, MySQL, SQL
<b>Frontend Development</b>	<b>Tools &amp; Technologies</b>
◦ React, Next.js, HTML5, CSS3	◦ Git, Github, Docker, Unity, Figma, Vite, REST API, Bitbucket
◦ TailwindCSS, Bootstrap, AngularJS	<b>Additional Skills</b>
<b>Backend Development</b>	◦ IoT, Prompt Engineering
◦ Node.js, Flask, FastAPI, Django	◦ UI/UX Design, Unity 3D

## Projects

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### Codefire - Competitive Coding Platform

2025 – Present

- Architected a full-stack competitive coding platform with real-time multiplayer capabilities and AI-powered code evaluation
- Implemented secure authentication system and real-time collaborative coding rooms using WebSocket
- Developed AI-based code evaluation system analyzing correctness, performance, readability, and plagiarism
- Built comprehensive challenge system supporting multiple programming languages with automated test cases
- Designed gamification system with points betting, real-time leaderboards, and detailed performance analytics
- Tools Used: React, Node.js, MongoDB, Socket.io, Python (AI/ML), Docker

### CashCurve - Financial Management Application

2025 – Present

- Developed full-stack expense management app using React, Node.js, and MongoDB
- Implemented AI-driven financial recommendations and smart budgeting features
- Integrated blockchain technology for secure transactions and data management
- Tools Used: React, Node.js, MongoDB, Python (AI/ML), Blockchain

### AR Science Lab - Interactive Learning Platform

2024

- Built immersive AR-based educational platform using Unity 3D and CSharp
- Won 1st place at Brainovision Hackathon with Rs.7,000 prize
- Implemented AI chatbot for real-time query resolution and virtual lab simulations
- Tools Used: Unity 3D, CSharp, AR Foundation, Machine Learning, ChatGPT API

### EvaSafe - Women Safety Application

2024

- Led team to first prize in Smart India Hackathon internal round
- Integrated IoT sensors and ML models for real-time safety monitoring
- Developed AI-powered fight detection and distress recognition systems
- Tools Used: Python, TensorFlow, IoT Sensors, React Native, Cloud Services

### Home360 - Home Services Platform

2024

- Secured 8th place among 55 teams in Pivotal Soft Hackathon
- Achieved 89
- Built full-stack application for connecting service providers with customers
- Tools Used: React, Node.js, MongoDB, SEO Tools, Payment Gateway Integration

### Personal Portfolio Website

2024

- Developed modern, responsive portfolio website with dynamic theme switching
- Implemented efficient state management and optimized routing
- Created modular component library following industry best practices
- Tools Used: React 18, TypeScript, TailwindCSS, Framer Motion, React Query

### Customer Service Messaging Platform

2024

- Built web-based platform for streamlining customer support communication
- Implemented real-time message status updates and priority management
- Developed search and filtering functionality for efficient message organization
- Tools Used: Python, Flask, SQLite, SQLAlchemy, JavaScript, WebSocket

## ACHIEVEMENTS

- **Top 5 Finalist** in a 24-hour hackathon conducted by Miracle Software Systems, showcasing strong problem-solving and innovative thinking skills.
- **Winner** of BrainOVision's Augmented Reality Hackathon as Team Leader, securing 1st prize with an innovative *AR Interactive Science Lab* project.
- **Winner** of the Internal Smart India Hackathon (SIH), contributing to impactful solutions and technological innovation for Women Safety.

## CERTIFICATIONS

- Python - HackerRank
- Java - HackerRank
- Prompt Engineering - EDX
- BrainOvision's Hackathon (1st prize) - ANITS