Ajani Sahil

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EDUCATION

VIT Bhopal University – Bhopal, Madhya Pradesh	Sep 2022 – Sep 2026
B. Tech in Computer Science & Engineering	**CGPA – 8.43**
The School of Science – Rajkot, Gujarat	June 2019 – May 2021
Higher Secondary (XII)	**96.76%**
Shree K.G. Dholakia School – Rajkot, Gujarat	June 2018 – May 2019
Secondary (X)	**93.17%**

PROFESSIONAL EXPERIENCE

Ozyus Technologies – Rajkot, Gujarat, India - Link   January 1, 2025 – February 28, 2025

Full Stack Developer Intern

- Completed a 2-month internship focused on full-stack web application development.
- Enhanced JavaScript, React.js, and Node.js proficiency, contributing to cross-functional team projects
- Improved performance of web applications by optimizing React.js components and Node.js backend queries.
- Recognized for a proactive attitude and team collaboration.

PROJECTS

Interactive Autism Trait Assessment Platform - Link

- Designed and implemented a gamified early autism screening tool using computer vision and machine learning.
- Utilized OpenCV to achieve 95%+ accuracy in real-time gesture and emotion analysis.
- Built adaptive difficulty logic and ensured cross-platform compatibility for low-resource environments.
- Validated results against ADOS-2 benchmarks in collaboration with researchers.

Study Notion – Learning Management System - Link

- Developed a secure MERN-based platform with dynamic dashboards, admin controls, and RESTful APIs.
- Implemented user authentication, progress tracking, and course management functionality.
- Integrated Redux for state management and JWT for secure access control.

Horizon – Travel Booking Platform - Link

- Built a fully responsive travel booking website featuring tour listings, user reviews, and booking forms.
- Leveraged React.js, Node.js, Express.js, MongoDB, and Bootstrap to deliver seamless performance across devices.
- Emphasized user experience and scalability.

TECHNICAL SKILLS

Languages: C++, HTML, CSS, JavaScript, TypeScript
Frameworks/Libraries: React.js, Express.js, Bootstrap
Databases: MongoDB, SQL
Tools & Technologies: Node.js, Git, Postman, REST APIs, JWT Authentication
Concepts: Data Structures & Algorithms, Object-Oriented Programming, DBMS, Cloud Computing

CERTIFICATION AND ACHIEVEMENT

Presented the paper Detection of ASD Traits in Children through Behavioral Analysis in Computerized Game Environments at **ICRAMIE-2025**, currently under publication.

Achieved **Semi-Finalist** position in **Flipkart Grid 7.0**, outperforming **1.6 lakh participants nationwide**.

AWS Solution Architect - Associate Certification Program

MongoDB Associate Database Administrator

TCS CODEVITA Season 12 – Qualified Round 1, Rank: **4879**