

Antariksh Sarmah

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EDUCATION

VIT Bhopal University

B.Tech in Computer Science (Cybersecurity & Digital Forensics)

– **CGPA:** 9.14/10.0

Kothrikalan, MP

2022 – 2026

SAI RNS Academy

Class XII (CBSE)

– **Percentage:** 84.4%

Dispur, Guwahati, Assam

2022

Maharishi Vidya Mandir Public School-IV

Class X (CBSE)

– **Percentage:** 97.8%

Barsajai, Guwahati, Assam

2019

EXPERIENCE

Maven Silicon – VLSI Design Internship

Jan 2025 – Mar 2025

Project: RISC-V ISA & RV32I 3-Stage Pipeline

Remote

- Developed RTL submodules and integrated into a unified top module for a 32-bit **RISC-V** processor with a 3-stage pipeline using Verilog HDL
- Utilized **AMBA AHB** interface, controlling `htrans`, `hready`, `hresp`, `imaddr`, and `dmaddr` signals for high-throughput memory transactions
- Developed **interrupt logic** (EIRQ, TIRQ, SIRQ) and real-time performance counters; validated design robustness via Verilog testbenches

PROJECTS

Scribe-Vision | [GitHub] [Live Demo]

May 2025 – Present

- Built full-stack **MERN** application with **React** frontend and **Node.js** backend for content and **sentiment analysis**
- Integrated third-party APIs including **YouTube Data API** and **Mistralai AI** for automated content processing
- Achieved **Google Lighthouse** scores: **Performance** 79/100, **Accessibility** 89/100, **Best Practices** 100/100, **SEO** 100/100
- **Deployed** scalable web application using **Netlify** frontend and **Render** backend hosting

Pizza Verse | [GitHub]

April 2025 – Present

- Developed platforming-arcade game using **Unity** engine and **C#** with **object-oriented** programming principles
- Implemented game mechanics, physics simulation, and user interface design for interactive gaming experience

TECHNICAL SKILLS

Programming Languages: JavaScript, C++, HTML5, CSS3, SQL

Frontend Technologies: React.js, Responsive Design, DOM Manipulation, Tailwind CSS

Backend Technologies: Node.js, Express.js, RESTful APIs, MongoDB, Database Design

Development Tools: Git, GitHub, VS Code, Unity, AWS, Netlify, Render

AI Development Tools: GitHub Copilot, Cursor AI, ChatGPT, v0.dev, Bolt.new

Testing & Performance: Google Lighthouse, Web Performance Optimization, Debugging

CERTIFICATIONS & ACHIEVEMENTS

MongoDB Certified Associate Data Modeler

[View]

iamneo High Performance Coding in Data Science using Python

[View]

Google Bits and Bytes of Computer Networking

[View]

Google Cloud Arcade: Completed 3 Arcade Games, 3 Trivia Games & earned 30 Skill Badges

Google Crowdsource Level 27: 32K+ contributions to Google AI datasets with 187K+ peer validations

Extracurricular Achievements: National Photography Contest Winner