

Sohan Mandal

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PROFILE

Computer Science student at KIIT building AI-powered full-stack products. Passionate about intelligent systems, data architecture, and applying emerging technologies to solve real-world problems.

EDUCATION

Kalinga Institute of Industrial Technology (KIIT)

Aug 2024 – Jun 2028

B.Tech in Computer Science and Engineering · CGPA: **8.75 / 10.0** · Bhubaneswar, Odisha

TECHNICAL SKILLS

Languages C · Java · Python

Tools Git · GitHub · Vercel · Google Cloud Run · Antigravity

Focus Areas Artificial Intelligence · Data Architecture · Cybersecurity · Full Stack (AI-assisted)

Learning DSA · Data Architecture · AI · Cybersecurity · Full Stack Development

PROJECTS

Apex Intel [GitHub](#) · *In Progress*

Next.js · FastAPI · PostgreSQL · OpenAI GPT-4o · Pydantic

- Built an autonomous multi-agent due diligence platform that analyzes startups and generates structured investment memos.
- Developed AI-powered workflows for market research, competitor analysis, risk assessment, and investment scoring.
- Designed a professional analytics dashboard for startup evaluation, report management, and comparison workflows.

Reality Drift [GitHub](#) · [Live Demo](#)

Next.js · Node.js · Express.js · PostgreSQL · Prisma ORM · Gemini AI

- Built an AI-powered life pattern simulator that analyzes habits and predicts future behavioral trends.
 - Developed a full-stack application integrating Gemini AI to generate personalized simulations and coaching insights.
 - Created interactive analytics dashboards and deployed frontend and backend services on Vercel.
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CERTIFICATIONS

Build with AI — GeeksforGeeks *Completed*

Data Structures & Algorithms (DSA) — GeeksforGeeks *In Progress*

Generative AI — GeeksforGeeks *In Progress*

Data Architecture — Coursera *In Progress*