

SUDESHHNA BEHERA

AI Automation Engineer | Full-Stack Developer | Quantitative Research

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PROFESSIONAL SUMMARY

AI Automation Engineer and B.Tech Computer Science & AI student building production-oriented full-stack AI workflows, LLM-powered automations, and scalable web applications. Strong in Python, TypeScript, React/Next.js, Node.js, PostgreSQL, API integration, Data Structures and Algorithms, and quantitative problem-solving.

EXPERIENCE

AI Automation Engineer Intern | Human Reveal AI 2026 - Present

- Architected and shipped full-stack AI automation workflows using LLM orchestration, n8n, LangChain/LangGraph, REST APIs, webhooks, databases, and human-in-the-loop approval steps.
- Automated recurring operations and data-processing workflows, cutting manual turnaround time by approximately 60% and saving an estimated 15+ team-hours per week.
- Built React/Next.js interfaces and Node.js/Express services around AI pipelines; validation, logging, structured outputs, and retry/fallback controls improved workflow throughput by approximately 40% and reduced handoff errors by approximately 30%.

EDUCATION

Newton School of Technology, Rishihood University

Aug 2024 - 2028

B.Tech, Computer Science and Artificial Intelligence | Delhi NCR, India | CGPA: 8.35/10.0

PROJECTS

FinLens | *Next.js, Node.js, Express.js, PostgreSQL, ML*

Jan 2026 - Feb 2026

[GitHub](#) | [Live Demo](#)

- Engineered a full-stack expense management platform supporting 500+ transactions, real-time tracking, settlements, JWT authentication, and role-based access control across 10+ REST API endpoints.
- Reduced API response time by 30% through PostgreSQL query optimization and integrated ML-based anomaly detection to surface unusual spending patterns.

Smart Nearby Places Recommender | *React.js, Google Maps API, Places API*

Mar 2026

[GitHub](#)

- Developed a geolocation-based recommendation engine for Work, Date, Quick Bite, and Budget intents, ranking places by proximity, rating, availability, and price level.
- Built a modular React architecture with reusable components and custom hooks, synchronizing interactive map markers with filtered recommendation results.

ACHIEVEMENTS

- #2 in India / First Runner-up - WorldQuant International Quant Championship (2026); ranked 2nd among 16,000 participants in India and competed in a field of 45,000 participants worldwide.
- Gold Level - WorldQuant Challenge (2026); IOQM Qualifier - National Mathematics Olympiad (2023); ICPC competitive programming participant (2024 - 2025).

TECHNICAL SKILLS

AI & Automation: Generative AI, LLM orchestration, AI agents, LangChain, LangGraph, n8n, prompt engineering, workflow automation, human-in-the-loop, webhooks, structured outputs, retry/fallback logic

Languages & Full Stack: Python, JavaScript, TypeScript, C++, SQL, React.js, Next.js, Node.js, Express.js, REST APIs, JWT, RBAC, Tailwind CSS, HTML, CSS

Data, ML & Tools: PostgreSQL, MySQL, MongoDB, Prisma ORM, Pandas, NumPy, scikit-learn, Matplotlib, Tableau, Git, GitHub, anomaly detection