

RUSHIT JANI

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Summary

Systems and solution-oriented Computer Science student with over 1 year of experience in techno-commercial architecture and enterprise solution design, focused on building scalable, business-aligned systems across enterprise systems (ERP), AI/ML, data engineering, and IIoT domains. Quick to integrate into new environments, contributing effectively across technical and cross-functional teams, while actively leading initiatives within IEEE and aspiring to create high-impact technology at scale.

Education

REVA University, Bengaluru

2023 – 2027

B.Tech in Computer Science Engineering (CGPA: 8.53 till 5th sem)

Relevant coursework: Workshop on DevOps (MeVi Technologies), Introduction to Python (INFOTECH SOLUTIONS), C Programming (TrendingSkills)

Gyanmanjari Higher Secondary School, Gujarat

2022 – 2023

Higher Secondary Certificate (HSC), PCM

Percentile: 80.00

Shree Gyan Manjari Secondary & Higher Secondary School, Gujarat

2020 – 2021

Secondary School Certificate (SSC)

Percentile Rank: 87.80

Experience

Techno-Commercial Architect Intern

Feb 2026 – Present

OptCELL GLOBAL

Contributed to system architecture design and techno-commercial evaluation for scalable enterprise solutions.

Developed and supported Proof-of-Concepts (POCs) involving APIs, microservices, and automation workflows.

Evaluated technology stacks based on scalability, performance, and cost, supporting feasibility and decision-making processes.

Collaborated across engineering and product teams to translate business requirements into structured technical solutions.

Junior Techno-Commercial Architect Intern

Oct 2025 – Jan 2026

OptCELL GLOBAL

Supported SDLC activities including requirement analysis, development coordination, and documentation workflows.

Assisted in system design understanding, including APIs, database structures, and modular architecture concepts.

Contributed to process documentation, workflow mapping, and adherence to development and quality standards.

Mobile Application Developer Intern

Jul 2025 – Sep 2025

Skill to Speak, Kanpur (Remote)

Contributed to MVP mobile application development, focusing on feature implementation and user experience.

Collaborated in a remote agile environment with regular updates, documentation, and sprint-based execution.

Projects

AI-based Bail Reckoner for Legal-Tech

AI-driven solution for bail decision support; built a legal-focused LLM reducing hallucination risks.

Tech: LLM, NLP, Python, LangChain, FAISS

Scarlet Save: AI-based Anemia Detection

Mobile app analyzing fingernail/eye images to detect anemia, integrated with assistant Clara for diet, reminders, recovery plans.

Tech: Vertex AI, Flutter, Firebase, Gemini

Fleet Management & Tracking System (FMTS)

Centralized platform for vehicle/driver management, real-time tracking, task assignment, and KPI dashboards.

Tech: Python (FastAPI), MySQL, React

ONDC Negotiation Engine

Web app leveraging ONDC APIs for transparent price comparison and real-time buyer-seller negotiation via chat.

Tech: JavaScript, HTML, CSS, ONDC APIs

Dynamic Certificate Generator and Mailer

Tkinter-based desktop tool for batch certificate generation and automated email delivery.

Tech: Python, Tkinter, Pandas, Pillow, SMTP

Dual Mode IoT Hazard Alert System

Communication system for vehicles combining cloud-based (MQTT) and local (NRF24L01) protocols for redundancy and real-time alerts.

Tech: ESP8266, NRF24L01, MQTT, C, Python

Awards, Hackathons & Contributions

NMIT HACKS 2024 — 3rd Place (2nd Runner-up)

Patent Your Invention Hackathon — Winner (Future Thinker)

Create 2025 Project Expo — 2nd Place (School of CSE)

Cook with Prompt (REVA) — 5th Place

CODE QUEST — Title “Red Hat” Recognized

GirlGeekHack’23, NITK Surathkal — Finalist (Top 50 Teams)

Smart India Hackathon 2024 — University-Level Shortlisted

Bengaluru Mobility Challenge 2024 — Participated

Google Solution Challenge 2025 — Participated

Microsoft Azure Ideathon — Participated

Human–Machine Integration Ideathon, Taiwan — Participated

Workshops & Conferences Attended

Authorship Workshop: Paper Protocol (IEEE MTT-S, RIT-B)

Pre-Incubation Workshop (IEDC Cell, REVA UIIC)

Cyber Crimes Conclave (IISc, Bengaluru)

Workshops & Events Organized / Led

AI Fest 2025 – Instructor (7 AI Adoption Workshops)

Git & GitHub Workshop (GLUG) – Co-Lead Speaker

Full-Stack Development Workshop – Instructor

Design Thinking Workshop – Instructor

AI for Teaching, Learning & Application – Virtual Coordinator

IEEE Tech Conclave 2024 – Lead Coordinator

IEEE AP-S/MTT-S Distinguished Workshop – Lead Coordinator

R Create 2025 Project Expo – Lead Coordinator

Other Achievements & Contributions

Certified by Global Jury as Real Venture (Wadhwani Foundation)

Mentor, SHECODES International Hackathon (IoT Track)

Volunteer, Outreach Program at Govt School (GLUG)

Positions of Responsibility

Chair, IEEE TEMS REVA University (March 2026 - March 2027)

Vice-Chair, IEEE REVA SBC (March 2026 - March 2027)
Chair, IEEE SMC Society REVA University (March 2025 - March 2026)
Secretary, IEEE REVA SBC (March 2025 - March 2026)
Core Member, GLUG & Robotics Club (September 2023)

Skills

Languages & Scripting: Python, C, Java, SQL, Dart (Flutter)
AI/ML & NLP: Scikit-learn, BERT, FAISS, Hugging Face, OpenCV
Data Handling & Viz: Pandas, NumPy, Matplotlib, Seaborn
Frontend: HTML, CSS, ReactJS
Backend & APIs: Flask, FastAPI, Gmail SMTP
Mobile Apps: Flutter, Firebase (Auth, Firestore)
Desktop GUI: Tkinter
Databases: MySQL, Firebase Realtime DB, Firestore
DevOps/Utilities: Git, GitHub, VS Code, pipenv
Cloud: Firebase Hosting, GitHub Pages

Interdisciplinary Skills

Professional: Innovation, Problem-Solving, Critical Thinking, Teamwork
Product: Design Thinking, Agile Development, UI/UX Awareness
Communication: Technical Communication, Public Speaking, Networking
Leadership: Mentorship, Outreach, Entrepreneurial Mindset
Domain Knowledge: IoT, Legal-Tech, AI for Social Good

Coursework

Getting Started with Enterprise Data Science (IBM)
Agile Explorer (IBM)
Enterprise Design Thinking Practitioner (IBM)
Introduction to Deep Learning (INFOSYS)
Introduction to Data Analytics (IBM, Coursera)
Excel Basics for Data Analysis (IBM, Coursera)
Master Computer Networking (Scaler)
DBMS Fundamentals & Advanced Concepts (Scaler)
SQL for Beginners – MySQL & Database Design (Scaler)

"Building technology is easy; building solutions that inspire people — that's where I lead."

— **Rushit Jani**