

Sanyukta Suman

Full stack Data & AI Engineer

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Profile

Full-Stack AI Engineer & SaaS Founder with **3+ years'** experience building data-heavy web applications and LLM-powered features end-to-end – from **React/Next.js** UIs to **TypeScript/Express** APIs, **PostgreSQL/Redis**, and cloud ML (**BigQuery ML**, **Vertex AI**, **Gemini**). Currently shipping **Xonects**, an AI-first work OS that unifies email, tasks, and calendars, where I own product architecture, AI assistance, third-party integrations, and production deployment.

Skills

- **Languages:** TypeScript, JavaScript, Python, SQL
- **Frontend:** Next.js, React, Tailwind CSS, SCSS modules, Radix UI, Framer Motion, Redux Toolkit, Zustand, TanStack React Query, dnd-kit, FullCalendar, Recharts
- **Backend & Data:** Node.js, Express, Prisma, PostgreSQL, Redis (BullMQ queues), Supabase, ETL pipelines, data modeling
- **AI & Machine Learning:** scikit-learn, BigQuery ML, Vertex AI, Google Gemini, regression, classification, clustering, recommendation, lead scoring, feature engineering, A/B testing, predictive modeling
- **Cloud & DevOps:** GCP, AWS, Docker Compose, Vercel, Railway, monitoring & logging (basic)
- **Analytics & BI:** BigQuery, Tableau, Power BI, Looker Studio, marketing analytics, financial analysis, segmentation
- **Product & Integrations:** SaaS product development, OAuth & API integrations (Gmail, Calendar, Drive, Outlook, Trello, Notion), go-to-market strategy, project management
- **Tools & Languages:** Git/GitHub, Jira; English (native), German (B1)

Professional Experience

Founder & Full-Stack AI Engineer — Xonects, Berlin Nov 2025 – present

- Building an AI-first work OS for freelancers and small B2B service businesses that unifies email, tasks, calendar, and files into a single Next.js/React application.
- Designing and implementing core product features end-to-end using **Next.js/React/TypeScript** on the frontend and **Express/TypeScript, Prisma, PostgreSQL, Redis (BullMQ)** on the backend.
- Integrating **Google Workspace** (Gmail, Calendar, Drive), **Outlook, Trello**, and **Notion** via OAuth, normalising provider data into a unified domain model for search, timelines, and automation.
- Operating a containerised, cloud-based architecture using **Docker Compose, Vercel** (frontend) and **Railway** (backend), with basic monitoring and logging to keep sync and AI services reliable for early users.

Data Analyst — Datadice GmbH, Coburg Jun 2022 – Aug 2025

- Engineered **BigQuery ETL pipelines** processing millions of daily transactions from Shopify, Amazon and ad platforms, contributing to a **20%+ lift in marketing ROI**.
- Modeled marketing and sales data into reusable **BigQuery** tables and views powering interactive dashboards in **Looker Studio** and **Power BI**, cutting reporting time by **50%**.
- Optimized **SQL** for granular segmentation and targeted campaigns, consolidating **Amazon Ads, Meta Ads** and sales metrics to analyze **ROAS** and guide budget allocation.
- Prepared structured datasets for **predictive analytics pilots** and feature engineering to support future ML use cases.

Freelance Data Science Consultant — Gott Data, Reykjavík (remote) Mar 2023 – Dec 2023

- Delivered project-based **ML solutions**, including a recommendation engine for health insurance offers (MySQL, scikit-learn, AWS RDS) that increased engagement by **15%**.
- Developed end-to-end **BigQuery ML / Vertex AI** pipelines to predict lead-to-conversion probability, boosting conversion rates by **20%**.
- Deployed scalable cloud-based models and **A/B tests** to improve campaign performance and the volume of qualified leads.

Data Engineering Intern — UniCredit, Munich Mar 2021 – Aug 2021

Education

Jacobs University, Bremen, Germany — M.Sc. Data Engineering Aug 2019 – Aug 2021

BMSIT, Bangalore, India — B.E. Computer Science Aug 2014 – Mar 2019