KISHAN R NAIR

Full-Stack Developer | AI/ML Engineer | Data Analyst
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PROFESSIONAL SUMMARY

Computer Science (Data Science) professional with hands-on experience in **full-stack development, AI/ML, data analytics, and business intelligence**. Experienced in building web applications using **React, Next.js, TypeScript, NestJS, Node.js, PostgreSQL, REST APIs, and JWT**. Skilled in **Python, SQL, LangChain, NLP, ETL, machine learning, Power BI, and data visualization**. Experienced in developing end-to-end applications, AI systems, analytics dashboards, and production-oriented solutions.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript
Frontend: React.js, Next.js, HTML, CSS, Tailwind CSS **Backend:** Node.js, NestJS, REST APIs, JWT
Databases: PostgreSQL, SQL **AI/ML:** Machine Learning, NLP, Regression, Classification, LLMs
Data/BI: Power BI, Excel, ETL, EDA, Data Cleaning, Data Preprocessing, Statistical Analysis
Cloud/Tools: AWS, GCP, Git, Streamlit

PROFESSIONAL EXPERIENCE

SAM Corporate **Feb 2026 – Present**
ESG Associate *Kochi, Kerala*
- Developed **Green Quest**, a full-stack ESG and carbon-tracking platform using **React/Next.js, TypeScript, NestJS, PostgreSQL, REST APIs, and JWT authentication**.
- Built authentication, dashboards, carbon tracking, gamification, challenges, leaderboards, learning modules, quizzes, and admin functionality.
- Developed **Power BI dashboards**, improving ESG reporting efficiency by approximately **60%**.
- Processed and validated ESG datasets, reducing data inconsistencies by approximately **30%**.
- Addressed application security findings, authentication issues, dependency risks, and production-readiness requirements.

Paleri Business Info Solutions LLP **Jul 2025 – Dec 2025**
Data Analyst Intern *Kochi, Kerala*
- Cleaned, transformed, and analyzed supply-chain datasets, improving data quality by approximately **40%**.
- Developed dashboards and analytical reports to generate actionable business insights.
- Performed data preprocessing, EDA, visualization, and reporting for business decision-making.
- Led a cross-functional team of **20 members** to deliver analytics solutions within deadlines.

Keltron REC **Jun 2025 – Jul 2025**
Data Analyst Intern *Kochi, Kerala*
- Designed interactive **Power BI dashboards** for large datasets and improved reporting workflows.
- Applied advanced Excel techniques for data cleaning, transformation, and analysis.

KEY PROJECTS

Built a Full-Stack ESG & Carbon Platform
- Built a production-oriented application with **React/Next.js, NestJS, PostgreSQL, TypeScript, REST APIs, and JWT**.
- Implemented carbon tracking, sustainability challenges, virtual garden gamification, rewards, leaderboards, ESG learning, quizzes, and analytics.
- Migrated backend functionality from a third-party platform to a dedicated **PostgreSQL/NestJS architecture**.

AVANA – Multi-Agent AI Data Science System
- Built a **Python/LangChain** multi-agent system automating data preprocessing, ML workflows, analysis, and dashboard generation.
- Developed ETL pipelines for **CSV, Excel, APIs, and databases** and implemented NLP-based natural-language-to-SQL.

Jarvis AI Assistant
- Developed a Python voice-controlled AI assistant with API integration, web search, automation, and real-time task execution.

EDUCATION

B.Tech – Computer Science and Engineering (Data Science): 7.11 CGPA **2022 – 2026**
SCMS School of Engineering and Technology, Kerala
Class XII: 89% | **Class X: 88.8%** Chinmaya Vidyalaya, Thripunithura

CERTIFICATIONS

Infosys Springboard – Data Analysis with Python | Python for Data Science