

# Arvinth Jothikumar

Process Engineer | Digital Strategist

Driven by a passion for digital transformation. Successfully leading and innovating engineering solutions to solve real-world problems. I enjoy leveraging digital systems to improve productivity and evolve process. **KEY SKILLS: Project management, ERP, Analytics & Big Data.**



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## EDUCATION

### Masters in Engineering Management Audencia Business School (Triple-Accredited)

09/2023 - Present

Nantes, France

### Bachelors in Engineering - Electronics Anna University

09/2017 - 05/2021

Chennai, India

## WORK EXPERIENCE

### Process Engineer Intern Procter & Gamble, Belgium

10/2024 - Present

Mechelen, Belgium

Achievements/Tasks

- Deployed **energy analytics dashboards** utilizing descriptive and predictive analytics to optimize daily energy consumption, enabling **data-driven** team actions to deliver **€90,000 in annual hard savings**.
- Led a quantitative research to determine optimal **HVAC configurations** using **Reinforcement Learning Model**, driving a hard savings of **€50,000** annually.
- Led the **digitization of material utilization process** for packaging materials by implementing **Proficy PE - MCT** (Material Consumption Tracking), eliminating MU losses and driving soft savings through process automation.

### Senior Analyst Kaar Technologies

02/2021 - 07/2023

Chennai, India

Industries - Manufacturing, Supply Chain and Professional services

Achievements

- Led analysts for a significant **SAP S/4HANA upgrade** in a leading FMCG firm, ensuring transition of dual systems with **94% uptime**. Boosted system efficiency by **32%**.
- Implemented data-driven SAP End-2-End test automation in system rollouts, resulting in **\$34,000 savings** in cost.
- Strengthened IT engineering processes, securing a **1-year contract extension** through effective SLA management.

## EXTRACURRICULAR ACTIVITIES

### TEDxBITSathy Secretary

02/2018 - 07/2021

Erode, India

Achievements

- Innovated 'Experience Delivery' at TEDx conference, ranking the chapter **3rd in India for innovation**.

## SKILLS

Leadership

Visionary

People & Time management

Analytical Problem-Solving

Loss Elimination

Curiosity

Communication

Self-starter

Collaboration

## TECHNICAL SKILLS

### Data Analytics

SQL, Python, Azure Databricks, Microsoft Power BI, Pandas

### UX/UI Tools

Figma, Whimsical, UX persona, Consumer Journey

### Web development

HTML5, CSS, AngularJS, Node.js, Google analytics

### Business Tools

Microsoft Office 365 suite, Gantt Chart, SAP S/4HANA, SAP ECC, Agile methodologies, Project network diagrams

## PROJECTS

### IMDB sourcing using SQL & Python (01/2023 - 02/2023)

- Analysed identifying trends among top 5000 titles in IMDB using **SQL queries** on a vast database, measuring directorial impact, character dynamics, genre correlation and presented key insights graphically using Python (seaborn, pandas, matplotlib)

### Analytical Dashboard using Tableau (11/2023)

- Designed a **KPI based interactive dashboard** to overlook at the profitability ratios city wise for a furniture superstore in USA.

## LANGUAGES

English

Full Professional Proficiency

Tamil

Native or Bilingual Proficiency

French

Elementary Proficiency

German

Elementary Proficiency

## INTERESTS

Hiking

Ice-skating

Culinary

Volunteering