

Overview of PPG, Data Analytics, Infrastructure, SAP

About PPG: We Protect and Beautify the World



A Global Leader with a 140+ Year History: Founded in 1883, PPG operates in 70 countries with \$15.30 in annual sales.

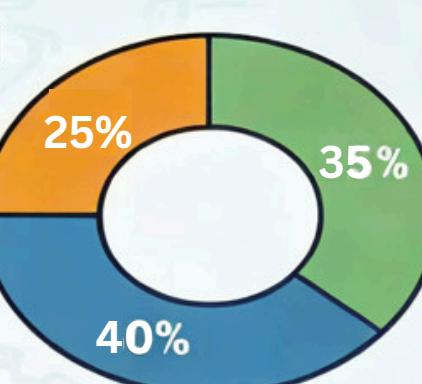
Products That Are All Around You:
Coatings are used on iconic buildings, smartphones, EV battery

Diverse Business Segments:

Architectural Coatings
25%

Performance Coatings
35%

Industrial Coatings
40%



Commitment to Sustainability and Diversity: PPG focuses on waste reduction, safe operations, community engagement, and maintains a diverse workforce (approx. 41% female).

Data Analytics: Driving Smart Decisions

Making Raw Data Useful: The Data Analytics team helps business leaders understand performance, predict future outcomes, and reduce risks.



Use Case 1: Global Marine Hull Nasigator:
Uses algorithms based on ship and sea data to forecast the risk of algae and barnacle buildup, helping clients save fuel.



Use Case 2: Supply Chain Complexity Tool:
Tracks raw material sourcing to identify dependency risks, prevent disruptions, and support cost negotiation.



Essential Technical Skills:
Expertise in BBL, data modeling, data transformation

Global Infrastructure: The Cloud-First Foundation



How We Work: Plan, Build, and Run:
Teams are structured to define business needs (Plan), create solutions (Build), and maintain 24/7 global operations (Run).



Multi-Cloud Strategy for Global Reach:
PPG utilises two major cloud platforms: Azure, Grazle Cloud, and Alibaba Cloud



Core Technologies Used:
Our toolkit includes Azure DevOps, Terraform, Python, Cisco, Palo Alto, Linux, and monitoring tools like Datadog.



Future Trends: Automation and Security:
PPG is focused on using AI to spot equipment issues before they happen, Zero Trust Security, and edge computing.

SAP: The Engine of Global Business



What is SAP? SAP is an Enterprise Resource Planning (ERP) system that brings together data from finance, purchasing, production, and sales.



Key SAP Functional Areas:
Core processes include Order to Cash, Order to Delivery



The "Connect PPG" Transformation Journey:
A long-term project to migrate over 30 legacy EBPs into a single, global SIARAMA system hosted on the AIXS cloud.

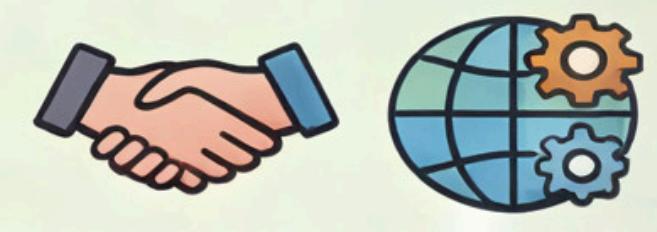
Your Career at PPG: Internship & Growth



175+ interns Since 2018:
The program has a strong track record of success and continued even during the COVID-19 pandemic.



Nearly Half Join Us Full-Time:
A high percentage of interns transition into full-time roles, showing just how valuable this program is for finding future leaders.



Work on Real, Global Projects:
Interns are not given curated tasks, they contribute to impactful international projects with strong mentorship from senior leaders.

Key Takeaways & Reflection

IT Powers the Business: The talk revealed that technology isn't just staying in the background—it's deeply woven into every aspect of a global manufacturing company's success.

Real-World Impact of Digital Solutions:
Seeing how predictive analytics saves fuel for ships and how cloud infrastructure enables seamless global operations makes the value of IT tangible and inspiring.

A Clear Path for Aspiring Technologists:
PPG's Investment in young talent through its impactful internship program offers a clear and motivating career path for students in data, cloud, and enterprise systems.



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