

# PAUL BABY

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## Summary

MBA student specializing in Operations Management, with a B-Tech in Mechanical Engineering, bringing strong skills in design, analysis, and problem-solving. Experienced in team management and timely task execution, and eager to contribute to innovative projects and impactful solutions.

## Experience

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**Dentcare Dental Lab | Production Engineer | India, Kerala** **2022-2024**

- **Production Planning Optimization:** Coordinated and executed production planning activities to ensure optimal resource utilization and adherence to production schedules in a dental lab consisting of 2500+ employees.
- **Data Analysis:** Experienced in leveraging data to drive informed decision-making in manufacturing environments.
- **Data Management system** • Proficient in data management systems such as Microsoft Excel, Power Query and Power BI to analyze production trends and process control metrics.
- **ERP Utilization:** Utilized ERP systems (ERP made especially for Dentcare Dental Lab) to track inventory, forecast demand, and manage production orders, contributing to seamless operations.
- **Equipment Accuracy:** Maintained a comprehensive record of tool and machine calibration to ensure accuracy and precision and oversaw the organization and maintenance of ISO documentation, ensuring compliance with industrial standards.

## Education

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**Amrita School of Business (ASB) Bangalore** **2025-2027**

*Masters in Business and Administration (MBA-MS), Operations Management |*

Graduation – 2027 | Cumulative Grade Point 7.0/10

Specialization: Driving Operational Excellence and Process Optimization in a manufacturing unit.

- Relevant coursework: Leveraged Operations, Supply Chain, Analytics, and Data Modeling to convert operational data into actionable insights, driving improvements in quality, capacity, and overall process performance.

**Kerala Technological University, India** **2018-2022**

*Bachelor in Technology, Mechanical engineering, Cumulative Grade Point 6.47/10 Key*

Project: Design Optimization in cellular structures for bone implants

- Relevant coursework: Fluid and solid mechanics, Thermal engineering, Finite element analysis, Manufacturing process, Industrial engineering

## Skills & Abilities

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- Microsoft Excel
  - Power Query
  - Power BI
  - Microsoft PowerPoint
  - Agile & Scrum Fundamentals
  - Breakeven Analysis