

# Pharmaceutical Manufacturing Scientist

Email: your.email@example.com | Phone: (###) ###-#### | Location: City, State

## Summary

Pharmaceutical Manufacturing Scientist with 7 years of experience at Takeda Pharmaceuticals, specializing in process development, equipment onboarding, compliance, and optimization. Proven ability to lead cross-functional projects that improve yield, reduce waste, enhance compliance, and accelerate production timelines. Currently expanding expertise into software engineering, with experience in web development, backend programming, and data analysis through academic projects at Kennesaw State University.

## Professional Experience

### **Takeda Pharmaceuticals – Pharmaceutical Manufacturing Scientist** (Aug 2016 – Present)

- Led equipment onboarding project, achieving 10% yield recovery and 50% waste reduction.
- Streamlined process by reducing four steps into two, cutting production time by 30%.
- Directed compliance efforts for a COVID-19 therapy, ensuring cGMP alignment and regulatory readiness.
- Collaborated cross-functionally with R&D, Quality, and Engineering teams to implement process improvements.

### **Academic Projects – Kennesaw State University**

- Developed a personal portfolio website using HTML, CSS, and JavaScript, researching and implementing new interactive features.
- Built backend course management system using Java, SQL, and Python, including RESTful APIs and database optimization.
- Analyzed sales data using SQL and R, producing actionable insights and visualizations in R Markdown reports.

## Education

- Graduate Certificate in Software Engineering Foundations (In Progress) – Kennesaw State University
- Bachelor of Science in Biology – August 2016, Kennesaw State University

## Skills

- Pharmaceutical Process Development, cGMP Compliance, Quality by Design (QbD), Process Analytical Technology (PAT)
- Equipment Validation, Technology Transfer, Regulatory Documentation
- Programming: Java, Python, SQL, R
- Web Development: HTML, CSS, JavaScript
- Data Analysis: Statistical Analysis, Data Visualization, R Markdown, ggplot2
- Soft Skills: Cross-functional Collaboration, Problem-solving, Communication, Project Management