

Shritej Shrikant Chavan

Data Scientist

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Dear Hiring Manager,

I am excited to apply for the Data Science Intern position at Johnson & Johnson's Digital & Data Science Group - JJSC. With a master's in Data Science, a bachelor's in Biotechnology, and 2+ years of experience as a Data Scientist at Target, I believe I will be a great fit for this role. To begin with, I am inspired by Johnson & Johnson's mission and drive to change the trajectory of health for humanity.

I am drawn to Johnson & Johnson's commitment to developing life-changing healthcare products and medicines and advancing science to impact people's lives positively. As someone who worked on applications of AI in Biotechnology, I am fascinated by how it has revolutionized the healthcare industry, and I believe it will be the future of Biotechnology. Hence, this internship at the world's largest biotechnology company would allow me to apply my ML skills in the healthcare and retail field.

With my major from the prestigious IIT Madras in Biotechnology, I worked on different biological data to build computational models and glean insights for data-driven solutions. Furthermore, to test the applicability of my theoretical underpinnings, I interned at Xcode Life Sciences, a personal genomics startup that derives insights to aid in creating personalized genetic medicines. Since my 3rd year, I have pursued the Computational Neuroscience field that pioneered my interest in AI. Furthermore, in my master's thesis at IIT Madras, I have leveraged Deep Reinforcement Learning for biomechanical modeling of human balance and gait. These experiences solidified my passion for using AI in healthcare.

At Target, I worked on multiple projects on Marketing, Merchandising, and Price Optimization. I worked end-to-end, from ideating the approach for business problems, mining and aggregating data from various sources using Apache Spark and Hive SQL to deploying Machine Learning models using AWS. Additionally, I honed my interpersonal skills by presenting my work using Tableau to product owners and stakeholders and working with cross-functional teams through Agile Environments. During my professional stint, I extensively worked on Time Series Analysis using SARIMAX models, Generative Additive Models, and Deep Learning approaches. I have experience using Machine learning techniques like Natural Language Processing, Graph Clustering, and XGBoost leveraging Python and R.

With my business acumen, major in Biotechnology, and desire to apply my Machine Learning skillset to healthcare, I can be a valuable addition to the data science team at Johnson & Johnson.

I look forward to hearing from you. Thank you for your consideration and time.

Sincerely,
Shritej Shrikant Chavan