

Ashish Sutariya

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Dear Hiring Manager,

I am excited to apply for the Summer Internship Program at Caltech. I have experience in working on pre-processing and implementing analysis models on large scale data, as well as experience in data visualization using Tableau, troubleshooting blockers, and feature selection. I have also developed data pipelines that feed on multiple synchronous and asynchronous data sources and have improved prediction model accuracy from 42% to 90% by employing data normalization techniques.

I have 4+ years of software development experience, including experience on SQL, MongoDB, JSONB, Java, JavaScript, React, and AWS. I have knowledge of database systems and application development lifecycle. I have also developed validation utilities to securely validate critical banking information and implemented a Hybrid Service Request module for opening a operative account, credit card request, card pin set/reset, salary advance etc. to improve the performance of a banking application.

I am experienced in using state-of-the-art libraries such as PyTorch, TensorFlow, biometric authentication and google maps integration, and I am proficient in Java 8, Python (NumPy, Pandas, Scikit-learn, Matplotlib, NLTK), React Native, React JS, ES6+, React Native – Android Specific Module, Spring, REST/SOAP. I am also skilled in Root Cause Analysis and POC.

In addition, I have coursework in Information Systems focused on Data Engineering courses such as Data Mining and Machine Learning, and plan to learn Big Data and analytics.

Thank you for your time and consideration. I am looking forward to learning more about the Data Engineer Internship position at Caltech and am excited about the opportunity to leverage my unique range of skills and demonstrate my commitment to developing world-class software solutions for Caltech.

Sincerely,

Ashish Sutariya