

Sample Results and Highlights

Cover Letter:

Dear Jason John, **Salutation**

I hope this letter finds you well. I am writing to express my strong interest in the Data Scientist position at Atlassian. With my extensive experience in data science and a passion for problem-solving, I believe I would be a valuable asset to your team.

Referral

First and foremost, I would like to mention that I was referred to this position by Jennifer Lopez, who spoke highly of Atlassian and its innovative culture. As you will see from my resume, I have a Master's degree in Computer Science from the University at Buffalo and a Bachelor's degree in Computer Science from the University of Pune. I have also gained valuable experience working at reputable companies such as PayPal Inc., Citispotter, and M&T Bank.

At PayPal Inc., I developed generative AI models that significantly reduced the average turnaround time by 50%. I also implemented recommendation systems that saved the company a substantial amount of money annually. Additionally, I developed validation metrics to monitor Natural Language Generation and Text Summarization Models. These experiences have equipped me with a strong foundation in data science and the ability to drive impactful results.

During my time at Citispotter, I fine-tuned BERT models and designed ML practices for the team using AWS platform. I also built extensive datasets using data augmentation techniques and evaluated black-box NLP models using Explainable AI concepts. These experiences have honed my skills in NLP and provided me with a deep understanding of machine learning practices.

At M&T Bank, I delivered an AI-based Intelligent Hiring Portal and Resume Parser, which significantly reduced the workload of the HR team and optimized the applicant experience. I also developed NLP/ML algorithms for PDF parsing, Named Entity Recognition, and Resume to Job Matching. These achievements were recognized at the Fall 2022 CSE Demo Day, where I secured 1st place among 50 projects. **Awards**

Furthermore, my research experience as a Research Assistant at X-Lab and Research Intern at C-DAC has given me a strong foundation in conducting novel research and developing impactful solutions. My publications in reputable journals and conferences showcase my ability to contribute to the scientific community. **Publications**

With my technical mentorship experience at Kaggle, ACL Year Round Mentorship, and AI4ALL, I have been able to guide students in building data science projects, providing guidance on technical writing, and sharing valuable insights from my own experiences.

I believe that my skills in quantitative analysis, experimentation, and data presentation, along with my ability to collaborate with cross-functional teams, make me a strong fit for the Data Scientist position at Atlassian. I am confident that I can contribute to the success of your team by developing strategies, providing insights, and influencing decision-making.

Thank you for considering my application. I would welcome the opportunity to discuss further how my skills and experiences align with the needs of Atlassian. Let's find a common time to connect and explore the potential of working together.

Call to Action

Thank you once again for your time and consideration.

Sincerely, Paritosh Katre

Most aspects from the prompt are covered in this example.

Sample Results and Highlights

Cover Letter:

Dear Aizada Marat, **Salutation**

I hope this letter finds you well. I am writing to express my interest in the AI/ML engineer position at ALMA. With my experience and passion for generative AI technology, I believe I can contribute significantly to the development of your AI-powered product.

Having recently worked as a Machine Learning Scientist at PayPal Inc., I have gained valuable expertise in building conversational insights bots powered by Large Language Models (LLMs). I successfully implemented LangChain and Retrieval-Augmented Generation (RAG) to extract valuable insights from internal knowledge bases, reducing the average turnaround time by 50%. Additionally, I have prototyped Recommendation Systems using Process Mining, Pattern Recognition, and Process Discovery Models, resulting in a significant reduction in customer contacts and annual savings of \$X-K.

During my time as an NLP Engineer at Citispotter, I honed my skills in end-to-end fine-tuning of BERT models for Emotion Detection, Sentiment Analysis, Intent Classification, and Hate Speech detection. I also played a key role in implementing ML practices using AWS Platform, including AWS EC2, S3 Bucket, AWS SageMaker, and Docker. Furthermore, I built datasets using Data Augmentation techniques and evaluated our NLP models using Explainable AI concepts like LIME and eli5.

At M&T Bank, I developed an AI-based Intelligent Hiring Portal and Resume Parser, reducing the HR team's workload by 60% and optimizing the applicant experience by 90%. Additionally, I have experience in developing NLP/ML algorithms for PDF Parsing, Named Entity Recognition (NER), Resume to Job Matching, and Candidate Ranking. My work on these projects earned me the 1st Place on Fall 2022 CSE Demo Day.

As a Research Assistant at X-Lab, University at Buffalo, I conducted novel research to develop an impact metric for researchers using Sentence Embeddings, Knowledge Graphs, and Diversity Theory. I also gained research experience as a Research Intern at C-DAC, Government of India, where I focused on using unstructured text data for predicting potential crime activities.

In addition to my experience, I have published papers in prestigious conferences and journals, such as Springer SIST, IEEE IACC, and International Journal for Recent Technology and Engineering (IJRTE). These publications reflect my dedication to advancing the field of NLP and text analytics.

Furthermore, I have been actively involved in technical mentorship, including Kaggle, ACL Year Round Mentorship, and AI4ALL. I have mentored students in building data science projects, providing guidance on technical writing and implementation, and sharing valuable insights from my own experiences.

With my strong background in AI/ML, NLP, and my passion for transforming the legal industry, I believe I can contribute significantly to ALMA's mission. I am confident that my skills and experiences align perfectly with what you are looking for in an AI/ML engineer.

Thank you for considering my application. **I would love to discuss further how I can contribute to ALMA's success. Let's find a common time to connect and explore opportunities.**

Call to Action

Sincerely, Paritosh Katre

You may copy it to clipboard here

Sample Results and Highlights

Dear Jason John

Salutation

I hope this message finds you well. I am writing to express my interest in the software development engineer position with the EC2 Networking team at Amazon Web Services. With my strong background in software development and expertise in cloud computing, I believe I would be a valuable asset to your team.

Firstly, I would like to highlight my experience in the field. I have over three years of professional software development experience, during which I have successfully designed and implemented new features for cloud computing platforms. In my previous role at VMware, I conceptualized and developed a Spring-based SaaS Deployment Controller Service, which enabled seamless deployments of more than 90+ SaaS services in different Kubernetes Cluster based environments. This service was widely used across different cross-geo teams and played a crucial role in managing deployments during Kubernetes upgrades. Additionally, I led the effort to improve code quality by developing a Spring service that scrapped different test coverage reports and converted them into Prometheus Time Series Metrics. This resulted in better visualization of code quality and improved product development.

Furthermore, I have hands-on experience with a wide range of programming languages such as Java, C++, C, Python, and Typescript, as well as expertise in various databases and tools/frameworks including Kubernetes, Helm, Docker, Prometheus, and AWS Cloudwatch. I have also demonstrated my ability to set up monitoring dashboards and alerts for Kubernetes clusters and application metrics using Telegraf, Prometheus, and AWS Cloudwatch.

In addition to my technical skills, I have proven my ability to work effectively as part of a team and to lead initiatives. At VMware, I collaborated with cross-functional teams to integrate log scrapping from Kubernetes clusters for all VMware Cloud Management Services, resulting in increased log retrieval rates and improved developer productivity. I also have experience in mentoring and conducting technical workshops as a volunteer for VMware Taara Inclusion Project and Women Who Code.

Extra

I believe that my skills and experience align perfectly with the requirements of the software development engineer position with the EC2 Networking team. My passion for cloud computing, coupled with my strong problem-solving and communication skills, would enable me to contribute effectively to the team's goals.

Thank you for considering my application. I would be thrilled to have the opportunity to discuss further how my experience and skills can benefit Amazon Web Services. Please let me know if there is a convenient time for us to connect. I look forward to hearing from you soon.

Call to

Warm regards, Vidushi Sharma