



**Luddy School of Informatics, Computing,
and Engineering**
Indiana University of Bloomington
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America
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Dear Human Resources Manager,

I hope this letter finds you well. My name is **Nishad Gupta** and I am writing about the **Entry Level Software Developer Engineer** role. I am currently pursuing a **Master of Science in Computer Science at Indiana University Bloomington**. This program has provided me with a strong foundation in key areas such as like **Applied Algorithms**, Applied Machine Learning, Elements of Artificial Intelligence, **Applied Database Technologies**, **Data Mining and Software Engineering**. My GPA of **4.0/4.0** reflects my dedication to continuous learning and academic achievement. I am excited about the opportunity to contribute to your team's innovative projects and initiatives.

My professional experience at **AGCO Corporation** and **Amadeus** has allowed me to apply my academic knowledge in practical scenarios. As a **Software Developer Intern at AGCO Corporation**, I have been working on **Internet of Things (IoT) applications**, specializing in **Amazon Web Services (AWS)** technologies. I have successfully designed, developed, and deployed **AWS Lambda functions**, utilized **AWS CloudFormation**, created **AWS Step Function** workflows and managed **Amazon Aurora** instances. My efforts have contributed to the seamless execution of hardware device activations and deactivations and the optimization of applications for scalability and reliability.

During my time as a **Senior Software Developer Engineer at Amadeus**, I led a team in creating automated tools that significantly reduced manual effort for Quality Assurance teams. I have also been instrumental in orchestrating the development of **cloud applications**, improving data processing speeds, and ensuring the smooth functioning of **CI/CD pipelines**. My experience with **Kubernetes**, **OpenShift**, and other technologies has given me a comprehensive understanding of modern software development practices.

In addition to my technical skills, I possess strong leadership abilities and a collaborative spirit. I have effectively **communicated and collaborated with global engineering and product teams, showcasing my capacity to work across diverse environments and cultures**.

One of my recent projects, the Nobel NBA Fantasy League, highlights my ability to combine technical expertise with creative problem-solving. Constructing a predictive model with an accuracy rate of 86% demonstrates my proficiency in utilizing **Python**, **Flask**, and **REST APIs** to address complex challenges.

I am enthusiastic about the prospect of joining your team and contributing to its mission of innovation and excellence. I am confident that my technical skills, leadership experience, and dedication to continuous improvement make me a strong fit for the SDE position. I am excited about the opportunity to leverage my skills and contribute to the success of your team.

Thank you for considering my application. I am looking forward to the possibility of discussing how my background aligns with your goals in greater detail. Please find my resume attached for your reference. I can be reached at guptanis@iu.edu or **+1 (919)-402-3647** to schedule a conversation or interview.

Sincerely,

Nishad Gupta
Graduate Student, Master's in Computer Science
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