

## Pranav Khismatrao

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28<sup>th</sup> March 2023

Hiring Manager

**Samsung**

Dear Hiring Manager:

I am writing to express my strong interest in the Intern Software Engineer position with a focus on Big Data at Samsung. As a first-year graduate student in Software Engineering at Northeastern University's College of Engineering, I am confident that my skills and experience make me a great candidate for this position.

In my previous position as a System Engineer at Tata Consultancy Services, I had the opportunity to work on complex issues in software development. During this time, I developed extensive hands-on experience in full-stack development using front-end Web technologies like JavaScript and jQuery, as well as back-end technologies involving NodeJS. Additionally, I worked with a team of 20 people, responsible for Designing, Scalability, maintainability as well as Development using Agile Methodology.

Currently, I am taking classes such as Object-Oriented Design and Web Design User Experience engineering, which includes topics such as Factory Design and SOLID Design Patterns, and hands-on assignments on NodeJS, ReactJS, and Angular along with HTML CSS to develop rich UI with MongoDB as database. Through these classes, I have gained a deeper understanding of software development best practices and have learned how to address challenging real-world issues.

I also have experience in the Machine Learning and Data Science domain, where I have applied machine learning algorithms to detect and predict phishing websites using a valid dataset to train and model an algorithm for my final year project, which was also my publication.

I am excited about the opportunity to work with Samsung's Big Data team to design, develop, and maintain scalable data pipelines and systems. I have a strong programming background in languages such as Python and a solid understanding of software development principles and practices, including version control, testing, and deployment. Additionally, I have worked with technologies like NodeJS and MongoDB, which I believe will be relevant in the position.

I am confident that my problem-solving skills, attention to detail, and collaborative approach will make me a valuable asset to your team. Thank you for considering my application. I look forward to discussing my qualifications further. Please feel free to contact me at 857-693-1743 or [khismatrao.p@northeastern.edu](mailto:khismatrao.p@northeastern.edu).

Sincerely,

Pranav Khismatrao