Aditya (Adi) Ghosh

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Currently undergoing **master's degree in computer science at Case Western Reserve University** while **interning as Machine Learning Software Developer** at **BioInvision Inc**.

Six years' professional experience in software industry.

Technical Proficiencies

Computer Science skills:	Programming languages: C, C++, C#, Assembly, JavaScript, VB.net, Java, Python OPC, XML, SQL Server, .Net, TCP/IP, S2K, MVC, jQuery, AngularJS, MATLAB, ASP.Net, Assembly Language, S2K, MVC, LabVIEW, SkLearn, Pytorch, TensorFlow, Keras, ReactJS, Junit, Gradle, Redhat, Linux Bash, MERN, MongoDB
Non-Technical:	Full-Cycle Project Management, Agile Models, Customer and Stakeholder Relations, Financial Transaction

Education

Software Project Management Certification (Agile-ACP), Simplilearn, 2022

Master of Science in Computer Science,

Case Western Reserve University, Cleveland, Ohio September 2022 – May 2024 (Expected)

Bachelor of Engineering (Instrumentation and Control Engineering),
Manipal Institute of Technology, India 3.0/4.0 GPA

Relevant Coursework:

Analysis of Algorithms, Machine Learning, Neural Networks, TCP/IP, Data Structures, Data Mining, Database Management, Software Engineering, Computer Security, Generative Artificial Intelligence, Redhat Linux Server

Academic Projects on: Decision Tree, Naïve Bayes, Image Recognition using SkLearn and Pytorch

Professional Experience

Alstom Transport India Ltd., Bangalore/New Delhi, India   2014-2021

Testing and Commissioning Engineer, Railway Signalling, Transport Information (2018-2021)
Named to all-India Honors List for 2020. Head of SDTC team. Collaborated with customers for project planning and testing needs and scheduling related to software, internal network setup and signalling components.

Engineer Systems Developer, Tools and Applications, Systems and Products (2015-2018)
Guided four major builds and releases of market-ready software versions. Supervised three engineers. Enhanced timeliness and improved train operator approval for two European national state-owned railway companies by 6.5%

Training, Certifications, Seminars and Projects

Internship as Software Developer/Machine Learning Developer at BioInvision Inc., Cleveland, OH December 2023 (Ongoing)

Internship at Visa Inc. in Software Development and Production Services, worked in full-stack web development, Kibana dashboard creation, Redhat Linux Server Management, database querying, customer relations. Received broad experience in the Fintech industry. April-August 2023.