ABHISHEK MISHRA

Computer Science Undergraduate

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EDUCATION

Bachelor of Technology, CSE
Manipal Institute of Technology, Manipal   📅 07/2017 - 2021
- Majored in CSE with a keen interest in Algorithms, Computer Networks and Data Science.
- 6-time recipient of the Director's medal for academic excellence.

CGPA
9.42 / 10

Higher Secondary
Ryan International School, Noida   📅 04/2008 - 04/2017
- Graduated valedictorian in XII CBSE Board Examinations with **96% in PCM + Computer Science. 94.8% Overall.**
- **Vice President** of Student Council.
- **10 CGPA** in X CBSE Board Examinations.

EXPERIENCE

Software Engineer
Microsoft R&D India   📅 01/2021 - Ongoing   📍 Bengaluru, IN
Company Description
- Working with ASME delivering Azure Stack Edge, an edge computing device managed by Azure, bringing the compute power and intelligence of Azure right to where you need it.

Software Engineer Intern
Microsoft R&D India   📅 05/2020 - 07/2020   📍 Bengaluru, IN

- Worked with Azure Storage, Media, and Edge (ASME) under the Cloud+AI division.
- Explored Kubernetes to migrate existing ASE auxiliary services and develop future iterations of the same in a containerized architecture.
- Discovered and presented working proofs of faster deployment rates, efficient load balancing, telemetry, and secrets management in an Azure compliant cloud environment.

Research and Development Intern
IDEMIA   📅 05/2019 - 07/2019   📍 Noida, IN

- Built an **Emergency Vehicle Assist System** to create green corridors for emergency vehicles while navigating traffic.
- Employed technologies such as Tesseract, Vision API, Haar Cascade and YOLO to detect and classify vehicles and micro-controllers to switch signals.

EXTRA-CURRICULAR

Managing-Editor
Manipal The Talk Network   📅 04/2019 - 04/2020   📍 Manipal, IN
Manipal The Talk Network is a student-run media organization operating out of Manipal. It runs a featured blog and an Instagram handle catering to artists, photographers, and writers.
- Lead a team of 200+ members generating content across various domains such as **politics, technology, and current affairs**.
- Drove aggressive **business expansion** and was instrumental in social media **growth by 80%** in my tenure.

Strategy Consulting Virtual Experience
Boston Consulting Group via InsideSherpa   📅 03/2020 - 04/2020
- Completed practical task modules in Market Research, Data Analysis, Client Specification & Recommendations. The project involved exploring the feasibility of handset leasing for a telecom client.

SUMMARY

Working with Microsoft R&D India delivering Azure Stack Edge, an edge computing device managed by Azure, bringing the compute power and intelligence of Azure right to where you need it.

SKILLS

C/C++   Java   OpenCV   MySQL

Assembly Programming   Probability

Wireshark   NS2

PROJECTS

Green Corridor for Emergency Vehicles
📅 05/2019 - 07/2019
Employs Vision API, Tesseract and OpenCV to classify emergency vehicles and provide assistance in traffic navigation.

Integrated Travel Management System
📅 01/2019 - 03/2019
GUI application with facilities to book flights and hotels across destinations. Used Twilio API to automate text messages, OTP and verification mail.

PASSIONS

🖌 Hindi and Urdu Poetry

🌐 International Law and Politics

CERTIFICATIONS

🗄 Python for Data Science
Issued by **IBM**
Certification ID-8LLBAQVKJKT2

☁ Big Data Specialization
Issued by **University of California, San Diego**

EXTRA-CURRICULAR

Debating, Youth Conferences, Oration, and Quizzes
Multiple
- **Winner of Vigilance Awareness Quiz'16** organized by CVC, Government of India.
- **High Commendation**, **INMUN'15** as Republic of Korea.