

ASHISH SINGH

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EDUCATION

- **Vellore Institute of Technology** 2021 - 2025
B.tech CSE with specialization in Artificial Intelligence and Machine learning CGPA: 8.74/10
- **VVDav Public School, Delhi** 2020
CBSE (CLASS XII) Overall Percentage: 80.0
- **Dav Public School, Dwarka, Delhi** 2018
CBSE (CLASS X) Overall Percentage: 93.8

EXPERIENCE

- **Computer Age Management Services (CAMS Limited)** July 2025 - Present
Working as a Software Development Engineer at CAMS Limited, I specialize in building scalable applications with Spring Boot and Microservices. I leverage AWS and GCP for efficient deployment and have strong experience integrating back-end systems with front-end technologies like React and Angular.

INTERSHIPS

- **Sonnenkraft Solutions LLP (RiseOTB)** May 2024 - June 2024
Worked as a Technical Analyst intern, gaining hands-on experience with various analytical and business models through data analysis and the application of artificial intelligence and machine learning algorithms.

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, Python
- **Frameworks & Libraries:** Spring Boot, Spring Framework, React, Angular
- **Cloud Platforms:** Google Cloud Platform (GCP), Amazon Web Services (AWS)
- **Architecture:** Microservices
- **Big Data & Data Processing:** Hadoop, PySpark, Big Data
- **Data Science & Analytics:** Data Science, Power BI
- **AI & Machine Learning:** TensorFlow, Keras, Scikit-Learn, Deep Learning, LLMs, OpenCV
- **APIs & Data Querying:** GraphQL

PROJECTS

- **Address Validation Microservice for Mutual Fund Applications** August 2025 - Present
This microservice verifies the accuracy and validity of user addresses during mutual fund onboarding, ensuring correct formatting and matching with external address databases. It helps meet KYC regulations, enhances user experience, and prevents fraud.
- **LLM-based Text Summarization Service** Aug. 2025 - Jan. 2025
Built a scalable REST API service that provides text summarization using a fine-tuned large language model (LLM). The project will focus on creating an efficient pipeline for training, deploying, and serving a PyTorch-based LLM model.
- **Computer vision operated robotic arm** Jan 2024 - May 2024
Integrates computer vision technology to enable real-time object recognition and tracking. Employs robotic arm manipulation controlled by computer vision and machine learning algorithms for precise and automated tasks.

ACADEMIC ACHIEVEMENTS

- Round Qualifier in Flipkart Grid 5.0 Aug 2023
- First Price in Engineering Clinics Expo for Computer vision operated robotic arm May 2024