

# Mayank Taksande

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## Education

**Indian Institute of Information Technology, Allahabad**

📅 2022

Bachelor of Technology (B.Tech) and Master of Business Administration (MBA) — CGPA: 8.01

**Amrita Vidyalayam, Navi Mumbai**

📅 2016

Secondary Education: 9.4 CGPA — Higher Secondary Education: 89%

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## Work Experience

**Software Engineer (Backend), Airtel, Pune**

📅 Jul 2022 – Present

- **Channel Backend Team:** Developed a **microservice** from scratch for **SKYC Reverification**, enabling customers to perform self-KYC verification with image, video, Aadhaar, OTP, and other validations with over **90% coverage with Junits**.
  - Extended functionality for SIM acquisition online, **impacting millions of Airtel users**.
  - Achieved a **99.99% success rate** with approximately **33,119 daily hits** on the live Reverification journey.
  - Participated in discussions for **LLD design**, collaborated with multiple teams for dependencies, and smooth integration with QA and Frontend teams.
- **SHOP Team:** Contributed to the development and maintenance of microservices for the digital products section in the official Airtel ThanksApp. Managed **over 10,000 daily orders** for OTT subscriptions (e.g., Disney Hotstar, Amazon Prime Video) with a **98.6% API success rate**.
  - Single-handedly onboarded CARE Insurance onto the SHOP platform.
  - Modified workflow for Prepaid-to-Postpaid conversion to redirect unqualified leads to the Airtel Works team.
  - Upgraded microservices from **Spring Boot 2.x to 3.x** and migrated applications to Airtel Cloud 3.0.
  - Conducted SWAT duties, analyzing and retrying failed orders.
  - Worked closely with **DevOps** and **Frontend** teams for smooth integration and deployment.

**Technologies & Tools:** Java, Spring Boot, ELK Stack, Docker, Jenkins, Grafana, Kibana, MongoDB, SQL, BitBucket, Jira

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## Projects

**Emotion Detection AI from Speech (Group Project)**

Developed an AI system to detect emotions from speech input using neural networks.

**Modified VGG-16 for Image Classification (Individual)**

Enhanced the VGG-16 model, achieving improved accuracy for image classification tasks. [G](#)itHub Link

**Battleship Space Shooter Game (Individual)**

Designed and implemented a Java-based arcade-style space shooter game. [G](#)itHub Link

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## Achievements and Interests

- Awarded as the Academic topper in Higher Secondary Examinations.
- Certified in performing scuba dives.
- Core Team Member in college fest *Effervescence*.
- Awarded more than 4 medals in science Olympiads, including a Gold Medal at age 7.
- Captain of the school football team; led the team in District Level Football Tournaments.