

# Shreyash Maurya

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## PROFESSIONAL SUMMARY

Aspiring **Software Developer** pursuing an **MCA in Artificial Intelligence and Data Science**, with a **BCA degree** (Specialization in Cloud Computing) and **top academic honors**. Strong expertise in **cross-platform application development**, **cloud computing (AWS, Firebase)**, and **AI-driven solutions**. Passionate about designing **efficient, user-centric software** while staying updated with the latest **industry trends and technologies**. Seeking to contribute technical expertise and innovation to a dynamic team.

## EXPERIENCE

### Android Developer Intern

CodTech IT Solutions, India

February 2024 - March 2024

- Built **3+ Flutter apps**, including a **University Attendance System**, improving attendance tracking efficiency by **30%**.
- Optimized app performance by **25%** using **BLoC & Provider** state management and efficient API integration.
- Reduced debugging time by **30%** through structured code practices and Firebase integration.

## PROJECT

### SkyShift — Elevating your code to Cloud Horizons

- Engineered a **one-click cloud deployment system**, reducing deployment time by **90%**.
- Automated **CI/CD pipeline integration**, enabling seamless deployment across **AWS, Azure, and GCP**.
- Developed **Terraform-based infrastructure automation**, minimizing manual configuration errors by **90%**.
- Integrated **Jenkins for continuous deployment**, improving software release frequency by **5x**.

### RemoteTech — Remote Device Manager

- Designed and developed a **centralized IoT-based remote device management system**, reducing manual management effort by **40%**.
- Implemented **advanced IoT protocols**, improving device connectivity and reducing system downtime by **35%**.
- Integrated **smart security measures**, enhancing cybersecurity resilience by **50%** and safeguarding remote operations.
- Enabled **real-time troubleshooting**, decreasing issue resolution time by **30%** and improving system uptime.

### WritingMate - Text to Handwriting Converter

- Developed a **Python-based script** to automate text-to-handwriting conversion, reducing manual effort by **40%**.
- Implemented **optimized data structures and algorithms**, improving file processing speed by **25%**.
- Designed a **customizable font rendering system**, enabling users to personalize handwritten outputs.
- Helped students complete handwritten assignments **10x faster** by automating formatting and conversion.

## EDUCATION

### Master of Computer Applications

D. Y. Patil International University · Pune, India · 2026 · 9.63/10

- Awarded **Emerging Talent Scholarship**

### Bachelor of Computer Applications

D. Y. Patil International University · Pune, India · 2024 · 9.56/10

- Awarded **Gold Medal** for academic excellence.
- Awarded **Academic Excellence Scholarship** for outstanding performance.

## CERTIFICATIONS

### AWS Certified Solutions Architect Associate

## SKILLS

**Flutter Development:** Cross-platform app development, Clean Architecture, BLoC, Provider

**Cloud & DevOps:** AWS (EC2, S3, VPC, RDS, Lambda etc.), Terraform, CloudFormation, Docker, Jenkins

**Machine Learning & AI:** TensorFlow, Scikit-Learn, OpenCV, Matplotlib

**Programming Languages:** Python, Dart

**Backend & Databases:** Flask, MySQL, Firebase Firestore