Devansh Dubey

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SUMMARY

Software Engineer based in Bengaluru with 1 year of experience in cloud storage platforms, scalable real-time systems, and intelligent document processing pipelines. Proficient in Python, TypeScript, Go, and frameworks like Next.js and Django. Skilled in AWS, Docker, GraphQL, and PostgreSQL. Proven track record of reducing costs by 45%, improving efficiency by 60%, and enhancing system scalability for enterprise-grade applications.

TECHNICAL SKILLS

Programming: Python, TypeScript, C++, Go
Development: Next.js, Django, GraphQL, REST APIs, Fastify, Apollo Client, TailwindCSS
Cloud/DevOps: AWS, Docker, GitHub Actions, Linux
Databases: MongoDB, PostgreSQL

EXPERIENCE

Associate Software Engineer
Docxster AI, Bengaluru, Karnataka   *Dec 2024 - Present*

- Architected and developed **Docxster Drive**, a cloud storage platform with advanced file management, sharing capabilities, and seamless **Docxster workflow integration**, serving as core infrastructure for automated document processing pipelines.
- Implemented comprehensive **Role-Based Access Control (RBAC)** system with project-level sharing, enabling secure collaboration while ensuring enterprise-grade security standards across **100+ API endpoints**.
- Built **intelligent search engine** using Meilisearch and Google OCR achieving **full-text search** across all file types with typo-tolerance.
- Developed scalable **real-time service agent** for cloud and on-premise synchronization, reducing **manual sync effort by 60%**.
- Designed multilingual document processing service integrating Google Document AI and Amazon Textract, optimizing structure and cutting **processing cost by 45%.**
- Eliminated N+1 problem and unnecessary API re-fetching by building a **live status update system** with GraphQL subscriptions.

Research and Development Intern
Gaatha, Ahmedabad, Gujarat   *Dec 2023 - Jan 2024*

- Implemented **geo-targeted content delivery system**, serving personalized experiences to **10k+ monthly users**.
- Optimized WordPress site performance, achieving **15% faster load times** via image compression and lazy loading.

PROJECTS

- **Physical Violence Detection System** — Try it
  - Developed a system to detect physical violence and alert authorities.
  - Implemented **MobileNetV2** for training the model, achieving 91% accuracy
  - Used **Websockets** for real-time system integration with webcams and RTSP protocol for modular CCTV cameras.

- **NASA Space Apps Challenge 2024 Global Nominee** — Try it
  - Created an SDG education platform with animated videos and interactive games.
  - Developed animated educational videos to improve engagement and retention.
  - Built interactive games for personalized learning, selected among top 0.1% globally.

EDUCATION

University of Pune   **Pune, MH, India**
BE in Information Technology, CGPA - 8.32   *Dec 2021 - May 2025*

ACHIEVEMENTS

- Winner of PICT Concepts Hackathon, 2025
- Global Nominee, NASA Space App Challenge 2024.
- Qualified GATE 2024.