Siddhant Dubey

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Education

Indian Institute of Technology (Indian School of Mines), Dhanbad   Expected May 2027
Integrated Master of Technology in Mathematics and Computing (GPA: 8.47/10.00)   *Dhanbad,Jharkhand*
- **Relevant Coursework:** Data Structures and Algorithms (C++), Prob & Stat , Object Oriented Programming(C++), Linear Algebra, C Programming, DBMS

Projects

AI Document Scanner & Organizer — *React.js, Tailwind CSS, FastAPI, PostgreSQL, Firebase Storage, Tesseract OCR, spaCy*GitHub
- Built a full-stack AI-powered web app that scans, organizes, and classifies documents using OCR and NLP.
- Integrated Tesseract OCR in FastAPI to extract text from scanned documents and images.
- Used spaCy to auto-classify documents (e.g., invoices, ID proofs) and generate smart tags.
- Created a responsive React frontend to upload, search, filter, and manage documents efficiently.
- Implemented secure Firebase Authentication and stored documents in Firebase Storage.

Technical Skills

Languages: C, C++, HTML, Javascript , CSS, Python, SQL
Technologies: React.js, Tailwind CSS, FastAPI, Uvicorn, PostgreSQL, Firebase Storage, Firebase Authentication, Tesseract OCR, spaCy, Git GitHub, REST APIs, JSON, VS Code
Concepts: Data Structures, Algorithm Design and Analysis, Object-Oriented Programming, Database Management Systems, Operating System, Computer Organization and Architechture Probability and Statistics, Discrete Mathematics, Linear Algebra

Achievements

- Secured AIR 12918 in JEE(Advanced) 2020 among 200k+ participants.

- **Discover Yourself –Tutor Point**

  Completed a structured course on self-awareness, emotional intelligence, and spiritual philosophy based on the Bhagavad Gita. Gained insights into stress management, value-based living, and purposeful decision-making.

Social Engagements

Instructor: Management Principles from the Bhagavad Gita
- Taught first-year students key management principles inspired by the Bhagavad Gita.

Seminar Speaker: Various Topics
- Delivered seminars on Smart Work, Anger Management, and Mind Control to first-year students.

NGO Volunteer:
- Actively volunteering in a local NGO *Seva Patra* helping tribal communities in the rural areas of dhanbad educating children and distributing food and other necessities.