Saksham Tolani

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EDUCATION

Banaras Hindu University   Varanasi, India
Master of Computer Applications (GPA: 8.2/10.0)   *Sep, 2023 – May, 2025*

SGTB Khalsa College, University of Delhi   Delhi, India
B.SC PHYSICAL SCIENCE IN COMPUTER SCIENCE (GPA: 8.3/10.0)   *Jul, 2020 – May, 2023*

EXPERIENCE

LLM Intern   Apr, 2024 – Sep, 2024
Remotasks   *Remote*
- **Performed QA** on 4 model outputs in **Python, JavaScript, and SQL**, increasing response accuracy by **30%**.
- **Crafted 300+ complex prompts** to enhance model output, driving a **20% improvement** in performance.
- Collaborated with data scientists to refine model performance, contributing to a **15%** increase in model reliability.

Software Engineer Intern (SDE)   Nov, 2023 – Apr, 2024
Ratham   *Remote*
- **Accelerated API development by 20%** using **Golang, MongoDB & AWS** with blueprints and approvals.
- **Leveraged Google Maps API** to develop a cab routing API, improving routing efficiency by **25%.**
- **Improved code quality by 30%** through code reviews and streamlined onboarding documentation.

Django Developer Intern   Nov, 2022 – Jan, 2023
IIT Bombay   *Remote*
- **Implemented Python/Django REST APIs**, cutting response time by **30%** for a UGC collaboration tool.
- **Designed and deployed a MySQL database**, managing over **100,000 records**.
- **Created** a high-accuracy **ML model** for video transcription, achieving **93% accuracy** improving accessibility.

MIS Analyst   Aug, 2021 – Nov, 2022
Newton School   *Remote*
- **Refined MS Excel trackers**, enhancing team productivity by **15%**.
- **Engineered dashboards**, improving readability by **20%** resulting in a **10%** acceleration in company expansion.
- **Optimized SQL queries** and maintained the central dashboard for data analysis and reporting for **50+ users**.

PROJECTS

MILAN – Video Chat App | *Django, HTML, CSS, SQLite* ⬈   Sep, 2023 – Dec, 2023
- **Built Django video chat app with Agora SDK**, for **10-user calls** and reducing connection failures by **40%**.
- **Facilitated creation and deletion** of chat rooms to optimize resource usage, reducing load time by **25%**.
- **Designed and implemented UI** with one-click room joining and audio/video controls to enhance retention by **30%**.

KC – An E-Commerce | *Django, React.JS, AWS, Chakra-UI, PostgreSQL* ⬈   Jun, 2022 – Dec, 2022
- **Led e-commerce development**, cutting page load times by 40% with optimized **Django-React architecture**.
- **Engineered role-based access** and **responsive UI** with **PostgreSQL** and **Chakra-UI**, increasing mobile engagement by **50%**.
- **Integrated secure payment gateway** (Razorpay), increasing successful transactions by **35%**.

TECHNICAL SKILLS

Programming Languages: Python, Java, C++, JavaScript, Golang, R, C
Web Development & Databases: Django, React.js, Node.js, Flask, MongoDB, PostgreSQL, MySQL, SQLite
Cloud & DevOps: AWS, Jenkins, Docker
Tools & Frameworks: Spring Boot, Git, Linux, VS Code, Netbeans, Eclipse, Material-UI
Systems & Networking: Distributed Systems, Computer Networks, Security Software Development, MANET, IOT
Data & AI: Machine Learning, Data Structures & Algorithms, Data Mining, Data Analysis, pandas, NumPy, sklearn

AWARDS & ACHIEVEMENTS

- Solved **200+ DSA Problems** across platforms like Leetcode, CodeChef, GFG.
- Achieved **All India Rank 547** in NIMCET-2023, conducted among **over 100,000 students**.