MANYA SHARMA

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PROFILE SUMMARY

Enthusiastic Software Engineer with expertise in Java, Python, and full-stack development using Flask, Vue.js, and SQL. Experienced in building scalable web applications, and API development. Strong foundation in version control (Git), relational and NoSQL databases (MySQL, MongoDB, Redis), and backend operations.

EDUCATION

Guru Gobind Singh Indraprastha University   Delhi, India
Bachelor of Technology in Information Technology   *2021 – 2025*
- Grade: 9.19 CGPA

Indian Institute of Technology–Madras   India
BS in Programming and Data Science   *2021 – Present*
- Grade: 7.2 CGPA

TECHNICAL SKILLS

Programming Languages: HTML, CSS, JavaScript , Python, C++, Java
Backend Technologies: MySQL, MongoDB, Flask, Redis, Celery, Celery Beat
Frontend Technologies: Vue.js,Bootstrap
Development Tools: Linux, Git,Visual Studio Code
Data Science:Pandas, NumPy, Scikit-learn, Matplotlib

EXPERIENCE

Database and Content Management Intern   March 2024 – August 2024
ViewSonic Technologies India Pvt. Ltd.   *Delhi, India*
- ∗ Developed and optimized backend workflows for scalable application performance using Python and SQL.
- ∗ Automated database maintenance tasks, improving process efficiency and reducing manual intervention in data pipelines.

Software Developer Intern   October 2024 – Present
Centre for Development of Advanced Computing (C-DAC Delhi)   *Delhi, India*
- ∗ Designing user-friendly UI components for an online voting system.
- ∗ Managed and optimized PostgreSQL database hosted on Neon for efficient vote storage, real-time result updates, and data integrity.
- ∗ Developed HTML & JavaScript-based forms for secure user registration and authentication.

PROJECTS

Attendance Manager & Tracker (AMT) | *Node.js, Express.js, React.js, MongoDB*   Aug 2023
- · Developed a real-time attendance system with role-based authentication and automated reminders.
- · https://github.com/ManyaSh3/AMT-frontend
- · **Live:** https://amt-frontend-eosin.vercel.app/

Library Management System V2 | *Flask, Vue.js, SQLite, Redis, Celery*   Aug 2024
- · Built a multi-user library system with Redis caching and automated background tasks using Celery.
- · https://github.com/ManyaSh3/Library-management-system-2

DemandEdge | *Python, SARIMA, XGBoost*   Nov 2024
- · Developed a machine learning-based demand forecasting model using SARIMA, ARIMA, and XGBoost.
- · https://github.com/ManyaSh3/DemandEdge

CERTIFICATIONS AND DIPLOMA

- ∗ Completed Diploma in Programming from IIT Madras, gaining practical experience in software development and full-stack projects (September 2024).   View certificate
- ∗ Completed Diploma in Data Science from IIT Madras enhancing skills in data analysis and machine learning (December 2024).   View certificate
- ∗ Completed 90-hour training in full stack by IBM.   View certificate