

Supritha Ramesha

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EDUCATION

Illinois Institute of Technology
MAS Information Technology and Management

Chicago, IL
Expected May 2027

Dayananda Sagar University
B.Tech. Computer Science and Engineering

Bengaluru, India
May 2019 – March 2023

TECHNICAL SKILLS

Programming: Python, R, Java, C++, C
Web & Frameworks: HTML, CSS, XML, JavaScript, Node.js
Database: MySQL, MongoDB (Relational/NoSQL); Tableau, Power BI
Libraries/Tools: Pandas, NumPy, OpenCV, Pillow
Concepts: OOP, Agile Methodology, Cloud Computing, Data Visualization
Operating Systems: Linux/Unix, Android
Soft Skills: Team Player, Communication, Time Management

WORK EXPERIENCE

Associate Implementation Engineer

Jul 2023 – Jun 2025

E2open LLC

India

- Independently managed **data collection, analysis, and reporting** across supply chain and demand planning platforms to support data-driven operational and strategic decisions.
- Analyzed **large, multi-source datasets** (order data, demand signals, performance metrics) to identify trends, anomalies, and optimization opportunities.
- Developed advanced SQL queries to extract, transform, and validate data for dashboards, analytical reports, and client deliverables.
- Translated complex analytical findings into **clear, actionable insights** for internal stakeholders and client leadership, improving decision confidence and adoption.
- Collaborated with cross-functional business and technical teams to solve **moderately complex performance and optimization problems** using structured analytical approaches.
- Supported **dashboarding and KPI reporting initiatives**, ensuring data accuracy, consistency, and timely delivery of insights.
- Delivered **client-facing presentations and documentation**, clearly communicating insights, recommendations, and business impact.

Developer Trainee Intern

Feb 2023 – May 2023

Hebbale Labs Pvt. Ltd.

India

- Supported data-driven development by analyzing application usage patterns and assisting with backend data queries and validation.
- Assisted in building data-backed features by collaborating with developers and analysts in an Agile environment.
- Used Python and SQL to support testing, debugging, and data verification for application workflows.
- Contributed to documentation and reporting that translated technical outputs into business-understandable insights.

PROJECTS

Vulnerability Detection (Python)

- Implemented a machine learning-based system to detect device vulnerabilities and predict potential attack patterns, enhancing cybersecurity monitoring and threat assessment.

Human Activity Tracking (MATLAB)

- Developed an activity recognition model using Support Vector Machine (SVM) on the KTH dataset to classify human actions such as walking, sitting, and running with high accuracy.

Hologram with Speech Synthesis for Museums

- Integrated speech-to-text technology with Raspberry Pi and a 3D hologram system to create an immersive museum experience that interacts dynamically with visitors.

CERTIFICATIONS & ACTIVITIES

- Python for Everybody & Python Data Structures – Coursera
- Front-End Development (HTML) – Great Learning
- Participant: Flipkart Grid 4.0, PEAS Conference
- Volunteer: RTC Conference (IIT Chicago) – data coordination & operations support