

KSHAMA SHARMA

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<https://kshama08.github.io/devportfolio/> | <https://github.com/Kshama08>

PROFILE

- MS BAIM student seeking a full-time position in Business Analyst, Software Developer.
- System Engineer with experience of working with clients in Retail industry.
- Skilled in Predictive Analytics, Machine Learning and visualization using tools Python, SQL, Excel, and Tableau. R, CSS, Java, C, C++, HTML, SpringBoot, PowerBI.
- Pursuing STEM degree with OPT extension up to 3 years.

EDUCATION

Purdue University, Krannert School of Management

West Lafayette, IN
December 2021

Master of Science in Business Analytics and Information Management (MS BAIM)

- Krannert Scholarship Award.
- Winner of ECS Hackathon 2021- Espoir mental health app using HTML, CSS, JavaScript and Tableau

SRM Institute of Science and Technology

Chennai, India
June 2019

Bachelor of Technology, Information Technology

- Graduated with First Class, Merit Scholarship.

PROFESSIONAL EXPERIENCE

Undisclosed Mid-Western Retail Chain

West Lafayette, USA
August 2021 –Present

Data Analyst Intern

- Predicted on shelf availability of non-digital SKUs to optimize inventory management.
- Facilitated the client in increasing customer retention and advanced inventory planning for 3 months which improved their previous model by 10%
- Forecasted on shelf availability of their non- digital products.

Tata Consultancy Services as System Engineer

Kolkata, India
August 2019 – March 2020

System Engineer

- Managed client's data, saving it in our database and retrieving for modification, as part of project Staples.
- Implemented Python and Web Methods Integration platform to integrate new clients into company's Pub-Sub architecture.
- Initiated micro services architecture for structuring an application as per client's requirements.
- Assisted client's analytics department in improving business KPIs by 9%.
- Teamed up with company's cross department peers to organize 5 networking events.

Zacks Research Pvt Ltd

Kolkata, India
June 2017 – July 2017

Intern

- Designed SQL based database management system for retrieving investment portfolio records.
- Scripted trigger functions in MySQL to auto notify best and worst performing stocks, reducing report time by 13%.

PROJECTS

- Company Sales – Data pre-processing, modeling and customer sales prediction with Python.
- Companies' bankruptcy forecast – Classification utilizing SAS Enterprise Miner.
- Library Management System – SQL based LMS system with procedures, functions, and triggers.
- Netflix Pricing Analysis- Market research-based pricing strategy with Price Segmentation and Conjoint Analysis.
- Final Project- Electronic health record- Using privacy preserving leveraging Advance Encryption Standard enabled safe and secure interaction between patients and doctors.

LEADERSHIP ACTIVITIES, AFFILIATIONS, HONORS

- Volunteered at "Concern for Citizens" an NGO in Kolkata, India.
- Member of Social club and formed a technical club called "Gen Y" during undergrad.
- Winner of inter school debate competition and led high school basketball team for two years.
- Specialization in Python programming from University of Michigan-Coursera. Data Scientist in R-Data camp.