

## AKASH DAS

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### EDUCATION

#### University of Illinois Urbana-Champaign

Master of Science in Information Management

Expected Graduation May 2024

CGPA: 4.0/4.0

*Relevant Coursework: Information Consulting, Information Modelling, Data, Statistical Models, and Information, Data Warehousing and Business Intelligence, Applied Business Research*

#### SRM Institute of Science and Technology, Chennai, India

Secured a Bachelor of Technology in Computer Science and Engineering with *Distinction*

May 2019

CGPA: 8.4/10

### PROFESSIONAL EXPERIENCE

#### ZS Associates, San Francisco, California | Business Technology Solutions Associate Intern June 2023 – August 2023

- Played an integral role in the successful development of a comprehensive one-stop analytical solution for online sales, resulting in a 25% increase in data accuracy and a remarkable 30% improvement in real-time data availability
- Facilitated seamless collaboration with cross-functional teams and the pharmaceutical client to define key performance indicators (KPIs) for the proposed solution, achieving alignment on 90% of identified KPIs
- Played a pivotal role in designing and implementing an innovative on-field sales platform on top of Snowflake, boasting a user-friendly drag-and-drop interface for business KPIs, resulting in a substantial 40% reduction in data visualization time for end-users

#### Deloitte USI, Mumbai, India | Analyst-Strategy & Analytics

September 2021 – July 2022

- Conducted Data Extraction, Transformation, and Load (ETL) across multiple infrastructures associated with business which includes monitoring scheduled jobs, analyzing daily transactions reports, and managing change requests
- Developed scripts using SQL to model business logic, extract key performance metrics, and create temporary data tables, resulting in a reduction of manual efforts to attain data by 40%
- Operated and maintained data and batch files from SalesPage platform to Amazon S3 buckets and onto Redshift later used to generate reports
- Gained hands-on experience on Informatica Cloud and Informatica PowerCenter to monitor and run workflows, attaining a 98% success rate concerning scheduled jobs

#### Infosys, Pune, India | Systems Engineer – ECSADMC

August 2019 – September 2021

- Worked on an online project tracking and information exchange-based application as a Full Stack developer
- Introduced functionalities such as suppressing workflows, generating email notifications, and processing tasks queue by implementing a Round-Robin algorithm
- Designed and built comprehensive reports using SSRS to assist the client in restructuring its products and services to mitigate losses across disparate markets, improved profits by 30%

### ACADEMIC PROJECTS

#### Surveillance System in Smart Car Parking with Automated Character Detection

- Engineered a model using IoT and Image Processing that can replace the existing surveillance equipment used in a parking lot with an integrated and cost-efficient solution, cutting costs by 50% of the market price
- Stored the data acquired from sensors and cameras with parameters such as vehicle time-check-in, vehicle time-checkout, and vehicle number plate information onto the Cloud with access only to authorized personnel
- Technologies used: Image Processing, Cloud Computing, Sensors (Flame Sensor, Ultrasonic Sensor, IR Sensor), Arduino Uno, MATLAB, Optical Character Recognition algorithm, and C++

#### Academic Record Management

- Designed a web application hosted on Tomcat Server that aided the Faculty at SRM IST to maintain the academic records of a student
- Incorporated functionalities such as storing details of students including their practical and theory grades, generating reports which included showing pass/fail percentages, and updating the faculty/student database

### SKILLS

- Technical Skills: Python, NumPy, Pandas, Matplotlib, .NET, SQL, JavaScript, HTML, CSS
- Software Skills: MS-Office, Tableau, Informatica, Salesforce, Visual Studio, JIRA, SQL Server, SSRS

### VOLUNTEER EXPERIENCE

- Raising funds for the University of Illinois Foundation (non-profit) that seeks to advance the interests and welfare of the University.
- Volunteered for Deloitte's 'Impact Day' program that intends to work with NGOs and help over half a million people. Prepared lesson plans and worksheets for a business studies lecture for schools in the rural parts of India (2021)
- Appointed as the Finance Team Lead for an e-learning startup 'The Climber', Chennai, 2017. Hosted large-scale events and were attended by over 800+ delegates, which generated over USD 20,000 in revenue