

# AESHITA DHIMAN

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## SUMMARY

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Results-oriented Software Developer with over 5 years of industry experience specializing in Natural Language Processing, Amazon Web Services deployment, and Data Analysis. Demonstrated leadership in driving successful projects, including the ContentAI initiative at Wipro Digital. Skilled in optimizing algorithms, presenting innovative solutions, and achieving significant cost savings through Anomaly Detection product. Proficient in Python, SQL, Flask, MATLAB, AWS, and various data visualization tools.

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## SKILLS

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**Programming Languages and Framework:** Python, C, MATLAB, HTML, CSS, Flask, Django, PySpark

**Database and Query Languages:** Hive Query Language (HQL), Structured Query Language (SQL), MySQL, Database Management Systems (DBMS)

**Cloud Computing:** Amazon Web Services (AWS), MapReduce

**Data Visualization:** Tableau, PowerBI

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## EDUCATION

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**Master of Engineering - Electrical and Computer Engineering** May 2024

University of Windsor, Canada

GPA: 90.13% ,Honor Roll

Relevant Courses: Machine Learning, Computational Intelligence, Computational Methods and Modelling for Engineering, Connected Autonomous Vehicles, Image Processing

**Bachelor of Technology - Computer Engineering** May 2017

Sardar Vallabhbhai National Institute of Technology, India

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## WORK EXPERIENCE

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**Senior Software Developer** June 2020 - December 2022

Wipro Digital, Bangalore, India

- **ContentAI - Natural Language Generation:** Converted basic product features and related data into highly engaging product descriptions aligned with the company voice to help minimize dependencies and improve productivity using Large Language Models (LLMs)
- Presented initial ideology to internal stakeholders, with in depth research on different methodologies and processes
- Developed Proof of Concept (PoC) for product deployment using python and flask.
- Optimized base algorithm for storage and fine-tuned to align with customer voice.

**Data Analyst** November 2019 - May 2020

Wipro HOLMES, Bangalore, India

- **Tableau:** Engineered a store-based sales and revenue dashboard for a leading clothing brand providing key business insights and help identify sales hotspots and underperforming stores
- **PowerBI:** Built an interactive dashboard for monitoring various oil rig analytics empowering various client teams to take business decisions
- **Google Analytics:** Monitored website traffic, created custom events, goals, campaigns and analyzed successful conversions. Built custom reports and dashboards to provide key insights for a more informed decision

## **Project Engineer - Big Data**

August 2017 - November 2019

Wipro HOLMES, Bangalore, India

- Cloud based anomaly detection platform that works with a company's accounts payables in a procure to pay (P2P) cycle. It is aimed at detecting financial leakages and helps with a faster recovery period.
- Expanded product functionality to support both SAP and Oracle Enterprise Resource Planning (ERP) data, elevating its capabilities beyond Oracle ERP compatibility and went on to receive the Prodigy Award at Wipro's All Hands Meet 2020
- Achieved \$16 million in savings by efficiently processing a years' worth of overdue invoices for clients, landing the Alpha Squad Award for outstanding performance.
- Enhanced product capabilities through intelligent rules for vendor price comparisons
- Configured and maintained infrastructure on AWS for deployment of both client and internal applications
- Implemented and configured Anomaly Detection for multiple international clients- data validation, ingestion, pre-processing, deployment and reporting.
- Setup and managed database for twitter-based customer grievance acknowledger using python and flask
- Implemented static IP allocation for AWS – EMRs supplementing ease of automation.

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## **PROFESSIONAL DEVELOPMENT**

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**VentureU, EPICentre, University of Windsor**

- Acquired expertise in ideation, market analysis, feedback analysis, and intellectual property fundamentals. Demonstrated practical skills in pitching, presenting, sales, Lean start-up methodology, and Business Model Canvas application through hands-on problem-solving projects

**NextGen CTO, EPICentre, University of Windsor**

- Gained a comprehensive understanding of diverse IP forms, strategic mastery, and specialized training in IP Licensing, protection, and enforcement.

**Artificial Intelligence Professional Certificate, Defense Institute of Advanced Technology**

- Attained proficiency in AI & ML, mastering Probability Theory, Pattern Recognition, Big Data Analytics, Computer Vision, Natural Language Processing, and Deep Learning.

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## **CERTIFICATIONS**

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**AIML:** DataRobot Time Series Modeling, DataRobot Machine Learning Framework for Data Scientists

**Analytics:** Tableau 20 Advance Training for Data Science, Google Analytics Individual Qualification

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## **ADDITIONAL EXPERIENCE**

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**Master of Engineering Mentor (Volunteer)**

Sep 2023- May 2024

Faculty of Engineering, University of Windsor

- Assisted in career development by sharing industry insights and opportunities
- Provided personalized mentoring through one-on-one and group sessions
- Shared engineering knowledge, study techniques, and relevant resources

**Digital Marketing Head (Volunteer)**

Sep 2023 - May 2024

Engineering 4.0 (Student Club), University of Windsor

- Developed and executed digital media strategies aligned with overall marketing objectives.
- Oversaw digital advertising campaigns across various platforms.
- Analyze and interpret data metrics to optimize campaign performance.
- Manage digital media budgets and allocate resources effectively.