

AESHITA DHIMAN

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PROFILE

- Seasoned Senior Software Developer with 5+ years of industry experience, expertise in Natural Language Processing, AWS deployment, and Data Analysis.
- Led successful ContentAI initiative at Wipro Digital, optimizing algorithms and presenting innovative solutions.
- Engineered dashboards, saving \$16M through anomaly detection, and implemented intelligent rules for vendor comparisons.

TECHNICAL SKILLS

Programming Languages and Framework: Python, Flask, MATLAB

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

EDUCATION

Master of Engineering - Electrical and Computer Engineering May 2024

University of Windsor, Canada

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

RELEVANT PROFESSIONAL EXPERIENCE

Senior Software Developer Jun 2020 - Dec 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 Nov 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

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 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 acknowledgedger using python and flask
- Implemented static IP allocation for AWS – EMRs supplementing ease of automation.

PROFESSIONAL DEVELOPMENT

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.

CERTIFICATIONS

AIML: DataRobot Time Series Modeling, DataRobot Machine Learning Framework for Data Scientists**Analytics:** Tableau 20 Advance Training for Data Science, Google Analytics Individual Qualification

ADDITIONAL EXPERIENCE

Master of Engineering Mentor (Volunteer)

Sep 2023- Present

Faculty of Engineering, University of Windsor

- Assist in career development by sharing industry insights and opportunities
- Provide personalized mentoring through one-on-one or group sessions
- Share engineering knowledge, study techniques, and relevant resources

Digital Marketing Head (Volunteer)

Sep 2023 - Present

Engineering 4.0 (Student Club), University of Windsor

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