

SHAMIR ALAVI

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Data scientist and full-stack engineer with 7 years of experience in leading cross-functional teams at a large enterprise and at a tech start-up.

EDUCATION

Dec 2015	M.A.Sc. , Computer Engineering (Data Science), Carleton University, Canada
Jun 2012	Bachelor of Technology , Electrical Engineering, NIT Silchar, India

WORK EXPERIENCE

VP Data Science and Engineering, Openhaus May 2022 – Jan 2023 Canada/India Remote	<ul style="list-style-type: none">Led and mobilized data, web, cloud, and QA teams to build the company's data infrastructure from scratchActed as a liaison between the product, UX and development teams by doing design verifications, workload management and costingAnalyzed behavioural data of 3000 early-stage users through cohort analysis and A/B testing that led to optimization of UX design
AI Specialist, CRA Ottawa, Canada Apr 2017 – Jan 2022	<ul style="list-style-type: none">Led a 4-member data science team in developing an anomaly detection model to identify credential stuffing attacks from 50,000 cybersecurity incidentsDeveloped a data masking process to mask personally identifiable information of 27 million taxpayersCreated project charters, completed resource estimation, costing and options analysis for a project on AI Ethics for the HR department

PROJECTS

Lead Scoring Model Dec-Jan 2023, Openhaus	Developed an end-to-end lead-scoring pipeline from model development to deployment to recommend top 10 leads per cohort
BI Pipeline Sep-Nov 2022, Openhaus	Developed a BI pipeline for 2 analytics dashboards that reduced the monthly BI operating cost by 60% as compared to that of the cheapest available product
Risk Classification Apr-Jun 2021, CRA	Developed, tested and deployed an ML model on taxpayer risk classification using AutoML on Microsoft Azure

TECH SKILLS

	Advanced	Intermediate	Beginner
Machine Learning	PyTorch, Azure ML	Scikit-learn	TensorFlow
Data Analytics	SQL, Python	Google Analytics	R
BI & Visualization	AWS/IBM ETL suite	Python, Tableau	PowerBI
Programming	Python, SQL	Bash, JavaScript	C++, C
Cloud Platforms	AWS	Azure	GCP