

Shabeeb Hasan

Data Scientist | Machine Learning Engineer

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SUMMARY

Data Scientist with strong applied AI and software engineering background. 12+ years in delivery, building machine learning and analytics solutions across healthcare, enterprise operations, and product systems.

CORE SKILLS

Python, TensorFlow, scikit-learn, OpenCV, Spark, Hadoop, AWS EMR, Cassandra, DynamoDB, Data Modeling, Feature Engineering, Model Validation, Experimentation, BI Dashboards, API Integration

EXPERIENCE

Data Scientist & AI Consultant 2019 - Present

- Built and shipped ML models and AI workflows for pattern detection, data classification, and automation support.
- Used OpenCV, TensorFlow, and scikit-learn to deliver production-facing intelligence modules.

Big Data Analyst 2018 - Present

- Worked with large-scale data processing stacks using AWS EMR, Hadoop, Spark, Cassandra, and DynamoDB.
- Created data processing flows for operational and product-level insights.

Full Stack Software Engineer, Crowdbotics 2019 - 2025

- Built AI-enabled product features with cross-functional teams across backend, frontend, and mobile applications.

SELECTED DATA/AI PROJECTS

- Healthcare communication intelligence initiatives (triage, routing, risk communication)
- AI lead scoring and qualification pipeline for sales prioritization
- BullMQ-powered prospecting automation data flow

- Insurance care management audits intelligence workflow
- Behavioral health follow-up routing system

EDUCATION

- MPhil in Computer Science (Machine Learning, Data Science), 2019 - 2021
- MS in Computer Science (Intelligent Systems), 2017 - 2018
- BS in Software Engineering, 2012 - 2015