

Mohamed Niyaz

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Emerging AI engineer with hands-on Python, scikit-learn, and TensorFlow experience building small-scale ML pipelines for classification, ranking, and data analysis. Comfortable cleaning messy datasets, defining candidate filters, and iterating quickly in remote, part-time settings. Excited to improve educational access by helping teams identify top instructors with AI-driven solutions.

Summary of Qualifications

- Exceptional written and verbal communication; able to communicate professionally with customers, management and coworkers.
- Able to plan and prioritize tasks and workload in order to meet deadlines.
- Comfortable with the use of computers and technology, including previous use of a POS system
- AI/ML: scikit-learn, TensorFlow, PyTorch, model evaluation (accuracy, F1), ranking & recommendation basics
- Data Ops: data scraping/collection, cleaning, candidate filtering pipelines, feature engineering
- Tools: Python, Pandas, NumPy, Git, REST APIs, Dialogflow (for chatbots)
- Soft Skills: remote collaboration, rapid prototyping, problem solving, attention to detail.
- Multilingual Communication – Fluent in English, Tamil, Malayalam, Hindi, Urdu, and Arabic, enabling effective interaction in diverse environments.

Education

Artificial Intelligence – Architecture, Design and Implementation	Jan 2025 – Present
Georgian College – Barrie, ON	
Bachelor of Computer Applications	Sep2021 – Jul 2024
Amity Universtiy – Uttar Pradesh, India	

Work Experience

Junior Software Engineer	Jul 2022 – Nov 2023
Altech Solutions LLC, Dubai, UAE	

- Automated ops with Python/Flask: Built and maintained 6 internal micro-tools (report generators, invoice matchers), saving ~12 hrs/week of manual work.

- REST API integrations: Connected Salesforce (CRM), Moodle (LMS), Stripe (payments), and Zendesk (support) via 14 secure REST endpoints, achieving 99.8% data-sync accuracy and killing off CSV imports.
- Data dashboards: Shipped JS/Bootstrap/Chart.js dashboards for KPIs; cut weekly reporting time from 3 hrs → 15 mins and sped decision-making for ops and sales.
- AI chatbot support: Implemented a Dialogflow bot with 120 intents / 40 entities, deflecting ~350 tickets/month and reducing first-response time by 35%.
- Quality & reliability: Added PyTest/Jest suites and CI hooks (GitHub Actions), raising test coverage to 82% and trimming production bugs by 28%.
- Agile delivery: Worked across 12 two-week sprints, collaborating with PM/design/ops and delivering 96% of stories on time.

Certificates & License

- Advance in Excel – Amity University
- Blockchain Fundamentals & Cryptocurrencies – Ministry of Micro, Small and Medium Enterprises
- Python – Dome
- SQL – Dome
- SAS Programming Essentials – SAS
- Valid G License Mar 2025 – Feb 2030
- Valid UAE Driving License Nov 2022 - Current