AAISHA NARMAWALA

Software Engineer
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PROFESSIONAL SUMMARY

Software Engineer with 3+ years at Vista Funnel Pvt Limited, advancing from Intern to Software Engineer. Core expertise spans Python, Django, REST APIs, SQL database design and data analytics with Pandas and NumPy. Track record of scalable, authenticated web applications, workflow automation and applied machine learning (CNN, K-Means, Decision Trees). Strong Agile collaboration with product, design and QA teams, backed by a BScIT (CGPA 9.0) and an Integrated MSc in Information Technology (iMScIT) in progress at GLS University.

TECHNICAL SKILLS

Programming Languages: Python, Java, C, C++, Object-Oriented Programming (OOP)
Web Development: Django, HTML5, CSS3, Python Web Development, Forms, URL Routing, Authentication
Backend & APIs: REST APIs, Django ORM, Model-View-Template (MVT) Architecture, Session Management
Database Management: SQL, SQLite, Database Design, CRUD Operations, Query Optimization
Data Science & Analytics: NumPy, Pandas, Matplotlib, Seaborn, Exploratory Data Analysis (EDA), Descriptive Analysis
Data Preparation: Data Cleaning, Data Preprocessing, Data Wrangling, Data Visualization
Machine Learning & AI: Convolutional Neural Networks (CNN), Decision Trees, Regression, K-Means Clustering, Model Evaluation
IoT & Automation: Sensors, Motor Control, Embedded Prototyping, Process Automation
Development Tools: Jupyter Notebook, Visual Studio Code, Git, GitHub
Practices & Methodologies: Software Development Life Cycle (SDLC), Agile, Debugging, Code Review, Unit Testing

KEY ACHIEVEMENTS

- Cut average page load time by 31% at Vista Funnel through SQL query tuning and schema refinement.
- Reclaimed approximately 12 working hours per week by automating data cleaning and reporting workflows in Pandas.
- Earned two consecutive promotions, advancing from Intern to Software Engineer within three years.
- Architected CropAI, a CNN-based crop disease detection system that returns treatment and prevention recommendations from leaf images.

PROFESSIONAL EXPERIENCE

Software Engineer **07/2026 – Present**
Vista Funnel Pvt Limited | Ahmedabad, Gujarat, India

- Engineer Django-based web modules with authenticated user flows, form handling and URL routing for lead-funnel applications.
- Optimize SQL queries and database schemas to reduce average page load time by 31%.
- Automate recurring data cleaning and reporting tasks with Pandas, saving the team roughly 12 working hours per week.
- Partner with product, design and QA stakeholders to convert requirements into releasable features within sprint timelines.
- Mentor interns and junior engineers on code structure, debugging practice and Git workflow.
- Safeguard application data through validated inputs, secure session handling and permission controls.

Junior Software Engineer **12/2023 – 06/2026**
Vista Funnel Pvt Limited | Ahmedabad, Gujarat, India

- Developed responsive Python and Django features using HTML5 and CSS3 for client-facing web platforms.
- Designed normalized SQL and SQLite schemas supporting CRUD operations, reducing data redundancy by 28%.
- Resolved production defects through systematic debugging, lowering recurring bug tickets by 36%.
- Visualized operational data with Matplotlib and Seaborn to give stakeholders clear reporting insights.
- Documented application workflows and endpoints to speed up onboarding and team handover.
- Collaborated with senior engineers during code reviews to uphold coding standards and maintainability.

Intern (Software Engineer) **06/2023 – 11/2023**

Vista Funnel Pvt Limited | Ahmedabad, Gujarat, India

- Supported the build of Python and Django modules under senior engineer guidance.
- Cleaned and preprocessed datasets with Pandas and NumPy, lifting data accuracy to 99.2%.
- Tested application forms and authentication flows, identifying 40+ defects before release.
- Acquired hands-on exposure to Agile ceremonies, version control and the full software development life cycle.

EDUCATION

Integrated Master of Science in Information Technology (iMScIT) **Expected 2028**

GLS University, Ahmedabad, Gujarat, India | Currently pursuing Year 4 / Semester 7

Bachelor of Science in Information Technology (BScIT)

GLS University, Ahmedabad, Gujarat, India | CGPA 9.0

Higher Secondary Certificate (HSC), GSEB: 99.03 percentile

Secondary School Certificate (SSC), GSEB: 97.59 percentile

PROJECTS

- **ConstructEase (Python, Django, HTML, CSS, SQLite):** Built a web platform for professional discovery with user authentication, database management and service booking.
- **CropAI (Python, AI/ML, CNN):** Trained a deep learning model to detect crop diseases from leaf images and suggest treatment and prevention steps.
- **Smart Curtains (IoT, Sensors, Automation, Motor Control):** Prototyped automated curtains that respond to temperature and light sensors to regulate indoor lighting and temperature.

LANGUAGES

English