

Amisha Farhana Shaik

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EDUCATION

California State University - East Bay, Hayward, CA

August 2024 – May 2026

Master of Science in Business Analytics - GPA 4/4

- Relevant Coursework: Data Analytics, Data Mining, Big Data, Time Series Analytics, DBMS, Data Warehousing.

Loyola Academy, Hyderabad, India

October 2019 – May 2022

Bachelor of Science in Computer Science and Engineering – GPA 3.9/4

- Relevant Coursework: Python, Java, HTML, CSS, Operating Systems, Computer Design and Object Oriented Design.

WORK EXPERIENCE

JPMorgan Chase, India

June 2022 – June 2024

Operations Analyst

- Conducted KYC due diligence and risk assessments on high-value client portfolios utilizing compliance checks and real time transaction monitoring reducing compliance risks by 20%, while maintaining a 100% audit compliance rate.
- Designed and optimized risk assessment models for high-risk FinTech clients, integrating AI-driven anomaly detection to enhance fraud screening efficiency by 30% cutting turnaround time by 36%.
- Led data-driven quality analysis for client due diligence, by using PowerBI dashboards and automated KYC data workflows using SQL and Excel to identify trends in regulatory compliance, reducing false errors by 25% across 80+ client portfolios.
- Collaborated with senior leadership to automate validation steps in risk assessment and streamline onboarding workflows, reducing compliance turnaround time by 36% and improving process efficiency.

California State University East Bay, California

January 2025 – Present

Student Assistant Dean's Office

- Conducted a comprehensive audit of the college website, identifying broken links and enhancing website accuracy by 100%.
- Utilized Excel and data organization tools to optimize resource allocation for over 5,000 students.
- Collaborated with the Dean to improve faculty support operations and streamline Helpdesk request handling by 30%.

California State University East Bay, California

January 2025 – Present

Orientation Leader

- Led orientation sessions for 100+ students, facilitating discussions and Q&As to boost engagement and retention.
- Worked with university staff and leadership to streamline scheduling, optimizing event logistics and resource use by 20%.
- Delivered presentations on academic resources, using student feedback to improve program effectiveness.

PROJECTS

Student Hub Web Portal [\[Github\]](#) [\[Website\]](#)

Tech Stack: JavaScript, HTML5, CSS3.

- Designed and developed a personal portfolio website to showcase technical projects, campus leadership experiences, and web development skills.
- Built a responsive, mobile-friendly site layout using HTML5 and CSS3, and deployed the live portfolio through GitHub Pages for public access.

VitaNova AI – Waste Classification System [\[Github\]](#) [\[Youtube\]](#)

Tech Stack: JavaScript, TensorFlow.js, Teachable Machine, HTML5, CSS3, Perplexity AI API.

- Developed an AI waste classification system achieving 95% accuracy in identifying hazardous materials in conflict zones.
- Presented innovative waste classification solution at hackathon securing recognition for addressing humanitarian needs.

Taiwan Credit Card Crisis Analysis [\[Github\]](#)

Tech Stack: Python, Pandas, NumPy, Jupyter Notebook, Matplotlib, Scikit-learn, Logistic Regression, Decision Trees.

- Built predictive models using logistic regression, achieving 82% accuracy in forecasting credit card defaults.
- Analyzed real-world datasets to uncover patterns in credit utilization, directly informing financial risk management strategies.

ACHIEVEMENTS

Clubs & Organizations

- Vice President, Business Analytics Club - Organized Datathon 1.0, hosting 500+ students and industry experts.
- President, EmpowerHer Club - Led the design and delivery of lessons for 200 young girls in local schools.

Awards & Recognitions

- Excellence Awards at JP Morgan - Recognized with two Quarterly Excellence Awards and a Half-Yearly Award for exceptional performance, analytical expertise, and contributions to financial risk assessment and compliance.

Skills: HTML, CSS, Javascript, Excel, Word, PowerPoint, Tableau, Outlook, Sharepoint, Gurobi, Hadoop, Qlik Sense, Python, R, TensorFlow, Machine Learning Models, SQL, Data Warehousing, Data Analysis, Data Visualization, Time Series Analysis, Neural Networks, Financial Statement Analysis, KYC Due Diligence, Scrum, JIRA, Agile & Waterfall.