Aaryan Joharapurkar

Design Engineer

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Education

Ivey Business School (2025-2027)

HBA (Honors Business Administration)

Western University (2023-2027)

BESc (Bachelors of Engineering Science) in Software Engineering

Experience

Data Engineering & Strategy • American Global   May 2025 - Present

- Analyzed 60+ U.S. legal settlements across 5 regions to benchmark $100M liability limits; delivered executive-ready recommendations for national civil contractor insurance structuring
- Built a full-stack market intelligence platform by migrating 1,000+ row legacy Excel data into a structured Sanity CMS using Python/pandas, creating a single source of truth for brokers

Financial Services • Employment & Development of Canada   May 2024 - Aug 2024

- Designed SAP + Power BI verification framework to trace $150K+ in suspense transactions and resolve CPP/EI debts for 140+ clients
- Improved transaction accuracy by correcting POS codes across 1,200+ daily records, driving an estimated 80% pre-reconciliation error reduction

Business Analyst • Minimart   Sept 2022 - Mar 2023

- Built financial models and expansion feasibility analyses to support projected revenue growth
- Conducted market research and benchmarking, contributing to a 12% increase in profitability
- Led stakeholder consultations with government partners to support growth

Hackathons & Case Competitions

Strategic Partnership Case • Heart & Stroke Foundation   Jan 2026

- Developed a tech-enabled partnership strategy to address declining donor pipelines and expand Gen-Z reach
- Presented to Heart & Stroke Senior Leadership the phased Hinge partnership model projecting $370K–$450K in fundraising through in-app activation and micro-donations

Top 20 Case Presentation • BCG × Ivey Business School   Oct 2025

- Proposed a stablecoin-based cross-border remittance system enabling near-instant settlement, reducing FX risk and consumer fees
- Modeled $91M in annual revenue on $3B transaction volume; assessed regulatory, reputational, and compliance risks with mitigation strategies

2nd Place, AWS Track • Hack the North   Sept 2025

- Built a stock market simulation game for RBC InvestEase focused on student financial literacy
- Engineered a Python backend with AI-driven news simulation and AWS DynamoDB Streams powering a React frontend

Leadership

Vice President, Developer Operations • Western Developer's Society   Sept 2022 - Present

- Led agile delivery across multiple technical initiatives using Jira and backlog management
- Oversaw development of autonomous agent infrastructure using React Native & Tensorflow

Consultant Analyst • Ivey FinTech & Pine   Sept 2024 - May 2025

- Evaluated digital mortgage strategies for a Canadian financial institution using customer behaviour and competitive analysis
- Synthesized research into executive-level recommendations supported by data visualization and storytelling

Tools & Skills

Tools

Python, JavaScript, React, AWS (DynamoDB), APIs, Power BI, SQL, SAP, Sanity CMS

Skills

Market Analysis, Financial Modeling, Stakeholder Pitching, Data Visualization