Zakariya Beg

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Full Stack Developer with a strong business background. Combines hands-on technical expertise with strategic insight to drive product success.

EDUCATION

Bachelor of Commerce   *2019 - 2024*
Toronto Metropolitan University
- Skills Acquired: Financial Planning and Forecasting, Operations Management, Data Analysis

Full Stack Software Engineering Bootcamp
App Academy   *2022- 2023*
- Skills Acquired: JavaScript, Node.js, React.js, Redux, Express.js, Python, HTML, CSS, Full Stack Development, Project Management, Git, Web Development, SQL, PostgreSQL, Selenium

WORK EXPERIENCE

Product Manager   *2021 - 2022*
SportsCardInvestor
- Spearheaded and analyzed EBITDA, COS, and prospect forecasts for *Hits NFT App*
- Exercised effective communication skills to overlook members of development operations such as software engineers, media designers, and stakeholders to ensure KPI progress and QA
- Demonstrated technical ability by streamlining operations by developing CSV scraping software to organize financial data and historical statistics in valuable format, and presented solutions on how to optimize operations and user satisfaction

Technical Lead
ZB Education Group   *2019 - 2022*
- Founded two successful SaaS platforms, *Flipify* and *CardHops*, specializing in educational services for digital and physical commodity investments, generating over $100k in lifetime revenue.
- Developed algorithms using SQL and Python to leverage digital sales statistics, economic values, niche-specific data and web API's to create effective investment strategies and highlight strike values for clients

PROJECTS

AutoQuest | Technologies: JavaScript, React Frontend, Redux, Python, Flask, PostgreSQL Backend
- Developed an Autotrader-like platform, including a feature using BeautifulSoup for web scraping information. Utilized HTML, CSS, JavaScript for UI, Python and Flask for server-side scripting, and React and Redux for state management, with PostgreSQL for database operations.

PlatePal | Technologies: JavaScript, React, Redux, Python, Flask, PostgreSQL, Google Maps API
- Created a Yelp-like application with location-based search enabled by Google Maps API
- Demonstrated exceptional leadership by successfully leading and collaborating with a team
- Worked with team members and Implemented the front-end with HTML, CSS, and JavaScript, React and Redux for state management, and Python, Flask, and PostgreSQL for back-end

Bl0ckify | ***Ethereum's Infinite Garden Prize, Hack the North 2023*** | Technologies: NEXT.js, thirdweb SDK, Ethereum Attestation Service, CockroachDB, Ethereum L2 Mumbai, threejs
- Transform physical collectibles into tradeable digital assets with NFTs.
- Utilized NEXT.js for full-stack development and thirdweb SDK on the Mumbai testnet for NFT operations.
- Implemented asset verification using the Ethereum Attestation Service and managed data with CockroachDB.
- Built 3D visualization for NFTs and navigated SDK integration challenges.

SKILLS

- React.js, Redux, Express, JavaScript, Python, Flask, Sequelize, SQL, Git, HTML5, CSS, PostgreSQL, Agile, Mocha, Selenium, Three.JS, Product Management