

Jaspreet Singh

Full-stack Developer



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WORK EXPERIENCE

Software Engineer Birdeye

10/2021 - Present

Product based; Helps businesses grow by using Birdeye solutions.

Software Engineer Indus Valley Partners

01/2019 - 10/2021

Noida

A Fin-Tech based company that builds solutions for hedge funds.

Achievements/Tasks

- Created a Pub/Sub Service in node.js using npm module BULL and services like RabbitMQ and Redis. This service acted as an ETL service in the Product, Which included Task Queuing, Scheduling, Retries, etc. Some tasks needed external Integration with Salesforce, Bloomberg, etc.
- Implemented GraphQL APIs in the application.
- Created an audit engine, used to capture updates across the applications. The service internally used MongoDB change streams, and relied heavily on Node.js Streams. Node.js streams were efficiently implemented using backpressuring.
- Financial Statements Module, included Parsing and Validating Excel Sheets, Breaking down the data per sheet and saving processed form of data. Also included On The Fly creation of Excel Sheet based on stored data, with custom styling through config and custom Validations. USP of the Product.
- Created a Abstract Document Manager, which helped the Product work with different Document Managers (File System, S3, Mayan, SharePoint, etc) based on client requirement.
- Was assigned a task to build an implementation utility to ease client onboarding up to 50%. Javascript was used for client-side, Java for hosting rest routes and python for building an ETL SDK.
- Managed a Calculation module, where inputs received in the form of a JSON config were processed, these values were then persisted in DB or calculated on the fly. Templates for these JSON were created using Mustache Templates.

EDUCATION

Master of Computer Applications

Punjab University [🔗](#)

08/2016 - 06/2019

82.15 %

Bachelor of Computer Applications

Punjabi University [🔗](#)

08/2013 - 06/2016

70.11 %

SKILLS

Node.js



Javascript



MongoDB



GraphQL



RabbitMQ



ReactJS



Java



Redis



Python



Salesforce



ACHEIVEMENTS

Tech Star (06/2020 - Present)

Indus Valley Partners

LANGUAGES

English

Native or Bilingual Proficiency

Punjabi

Full Professional Proficiency

Hindi

Full Professional Proficiency

INTERESTS

Foosball

Basketball

Lawn Tennis

Web-Series