# JOEL DSOUZA

Full Stack Engineer

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As a highly skilled and motivated backend developer, I am seeking a challenging role in a dynamic organization where I can utilize my expertise in server-side development and database management to design, develop, and maintain high-performance web and mobile applications. With a proven track record of delivering quality software solutions on time and within budget, I am committed to exceeding expectations and achieving business goals through innovative technology solutions.

## Work History

**2022-01 - Current**

### Backend Engineer

*Jio Media Ltd. , Mumbai*

- Worked on creating a chat bot using Palm-2 LLM and integrating it with Qdrant vector database. Contributed immensely by designing prompts and identifying different data sources
- Reduced summarization effort for the editorial team by integrating Chat GPT model text-davinci-003 and open source ML models for auto summarization using redis and python3
- Improved search performances in Jio News, a news aggregation product implementing elasticsearch with flask
- Increased news coverage by deploying machine learning models for identifying similar content using flask on Jio News using Kuberenetes.
- Made the disaster recovery better by integrating GCP alerting with Slack for alerting on microservice errors and failures
- Created a system for backing up and restoring production data in mongodb to staging and development environments

**2020-12 - 2021-12**

### Full Stack Developer

*Financepeer, Hyderabad*

- Created a job to auto close loans using cron in flask there by removing effort to keep track of loan closures using python3
- Built a system to sync EMI payments on two different schemas of Financepeer and Impactp2p which removed the overhead of payment teams to keep track of emi payments in django
- Revamped the document upload section on financepeer.com in React.js

**2019-06 - 2020-12**

### Associate Software Development Engineer

*Carwale, Mumbai*

- Developed a user reviews panel for moderation by consuming microservice
- Consumed prices microservice on Bikewale.com by using only one API gateway call per page resulting in reduction the number of api calls
- Developed a voting system on Bikewale.com for question answers section and pages

## Education

**2015-06 - 2019-06**

### Bachelor's of Engineering: Information Technology

*Fr. Conceicao Rodrigues College of Engineering - Mumbai*

GPA: 8.59 /10

**2013-06 - 2015-05**

### 12th Grade

*St. Peters Junior College of Science And Commerce - Mumbai*

Percentage: 75.85

## Accomplishments

- Was Ninja of the month for Feb 2023 ( Recognition for excellence in software development )
- Nomination for Developer of the Month at Carwale

## Technology Stack

**Languages**: Python, Javascript, SQL
**Frameworks**: Django, .Net Core, .Net MVC Framework, Express.js, Node.js, Graphql,
**Web Technologies**: React.js, HTML, Javascript
**Database**: MySQL , PostgresSQL, Firebase, ElasticSearch, Mongodb, Redis, Qdrant
**DevOps tools**: Jenkins, Cloudflare, Docker
**Cloud**: Google Cloud Platform, Redis Enterprise, Mongo Atlas
**Others**: Android Basics, POJO design, Firebase, Git, JWT

## Certifications

**2022-04**

Google Cloud Digital Leader

**2021-03**

Django for Everybody Coursera

**2017-06**

Python Programming, NPTEL

## Interests

Developing and publishing apps
(https://play.google.com/store/apps/developer?id=JReuben)

Learning new tech