

Utkarsh Raj

Software Developer

Experienced Software Engineer with a track record in the Sales industry. Passionate about innovation and creating cutting-edge solutions. In my cumulative years of experience I have worked as a Full Stack Developer at Salesken, an award-winning Conversational AI-powered sales engagement platform. Eager to contribute my skills and continue growing while benefiting the company.



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WORK EXPERIENCE

Software Developer Salesken.ai

08/2020 - Present

Bangalore

Salesken helps companies realize the benefits of the "Science of Sales", the best of AI and Data Sciences to sales performance.

Achievements/Tasks

- Designed, structured, scaled, and developed core analysis engine V2 entirely from the ground up utilizing the spring framework, resulting in a 6x increase in our load capacity.
- Conducted Proof of Concept (PoC) and migrated reporting data from Postgres to Elasticsearch, and reporting queries from SQL to ESQL, resulting in a 500% improvement in page load speed.
- Built and scaled Webinar Bot which facilitates attendance and recording for providers such as Google Meet, MS Teams and Zoom. Leveraging puppeteer, Node.js and Kubernetes in the process which can handle 2k concurrent live webinars.
- Implemented cutting-edge semantic search using ElasticSearch, BERT, and USE embeddings, enabling precise and meaningful search results based on query meaning, enhancing user experience and search functionality.
- Contributed to Proof of Concept (PoC) and aided in the development of a predictive model for forecasting won-loss opportunities with the use of Google AutoML.
- Assisted with the development and productization of h20.ai AutoML model.
- Utilized the Twilio SDK to establish Automated Voice Response systems that authenticate user phone numbers.
- Implemented and enhanced the performance of numerous API(s).

PERSONAL PROJECTS

Movie Recommendation System Using Netflix Dataset | Machine Learning

06/2019 - 07/2019

Dhanbad, Jharkhand

Courses

- Made a Movie Recommendation based on user rating using Netflix Dataset.
- **Tech stack** - Machine Learning, SCIKIT-Learn, NumPy, Pandas, Matplotlib.

BITaansh Website Web Development

08/2018 - 08/2018

BIT Sindri

Courses

- Made a Dynamic Website for the College Cultural fest and launched in 20 hours (<https://bitaansh.netlify.app/>) using HTML, CSS, JavaScript, jQuery, Nodejs.

SKILLS

Java

JavaScript

Python

ElasticSearch (ELK)

PostgreSQL

Redis

Node.js

Servlet

AWS

Azure

Milvus

Linux

Docker

Microservices

ACHIEVEMENTS

Best Intern Award | Salesken

Received the "Best Intern" recognition out of a group of 20 interns for my contribution in constructing a predictive won-loss model for revenue Intelligence.

EDUCATION

BIT Sindri | B. Tech (07/2017 - 07/2021)

- Course - Computer Science (7.4 / 10)

DAV Koylanagar, Dhanbad (04/2016 - 04/2017)

- Course:-12th | CBSE (88%)

LANGUAGES

Hindi

Native or Bilingual Proficiency

English

Full Professional Proficiency

INTERESTS

Playing Violin

Listening/Composing Music