

# Utkarsh Raj

## Software Developer

Full Stack Developer | Conversational AI | Revenue Intelligence

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## WORK EXPERIENCE

### Software Developer Salesken.ai

07/2021 - 02/2023

Bangalore

Role: Designing, developing, deploying and maintaining core services.

#### Achievements/Tasks

- Designed, structured, scaled, and developed core analysis engine V2 entirely from the ground up utilizing the spring framework and Kubernetes architecture as microservices, resulting in a 6x increase in our load capacity.
- Integrated ChatGPT with our live queuing server to provide personalized prompts obtained by scraping client product brochures and websites. This resulted in a significant reduction in onboarding time, from one month to just few hours.
- In charge of creating and scaling Webinar Bot using Kubernetes to facilitate attendance and recording for providers such as Zoom, MS Teams, and Google Meet. Leveraging puppeteer, Zoom SDK, and NodeJS in the process which can handle 2k concurrent live webinars.
- Conducted Proof of Concept (PoC) and migrated reporting data from Postgres to Elasticsearch, resulting in a 500% improvement in page load speed.

### Software Developer Intern Salesken.ai

09/2020 - 03/2021

Bangalore

#### Achievements/Tasks

- 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 which eventually helped in raising our series B funding.
- 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

#### Courses

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

## SKILLS

Java

Spring Boot

NodeJs

JSP

PostgreSQL

Elastic Stack

Servlet

REST

AWS

Azure

Milvus

Redis

JavaScript

Docker

Kubernetes

## 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 lead.

### Runner up at Spring Fest Music Competition

## 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