



Abhishek Gole

Software Engineer

Quick learner with strong interpersonal skills and proven ability to manage positive and productive client relationship. GoLang developer with 6+ years experience. Certified AI engineer.

✉ gole.abhishek22@gmail.com

📞 +91 8459708095

📍 Pune, India

WORK EXPERIENCE

Software Developer

Cybage Software Pvt. Ltd.

09/2018 - 05/2022

Senior Technical Specialist

IBM

05/2022 - Present

Achievements/Tasks

- **Developed Speaker Change Service:** Implemented a real-time speaker change detection service using Amazon SpeechBrain and AWS Lambda for live captioning.
- **Optimized Service Architecture:** Replaced AWS DataStreams with Redis Cache, reducing costs by 84%.
- **Integrated New ASR Engine:** Improved live captioning accuracy to 98% by integrating a new ASR engine.
- **Enhanced Punctuation Accuracy:** Integrated SBG punctuation models into the live captioning workflow, resulting in a reduction of word error rate for punctuation.
- **Implemented Audio Event Detection:** Enriched captions with audio event tags for better context and end-user experience.
- **Automated ASR Monitoring:** Created Prometheus rules to trigger pagerduty alerts for ASR failures and high WebSocket connection counts.

EDUCATION

PGDM

CDAC, IET, Pune

02/2018 - 08/2018

Pune, India

Bachelors of Engineering

Padmabhooshan Vasantdada Patil Institute
Of Technology, Pune University.

06/2013 - 07/2017

Pune, India

Courses

Computer Engineering

INTERESTS

Football

Trekking

SKILLS

GoLang

GCP

Python

AWS

PROJECTS

Live Captioning

- **Managed Releases & Helm Charts:** Contributed to new releases by updating Helm charts and configurations.
- **Improved Speech Model Training:** Optimized MySQL-based word corrections and profanity filtering for better live captioning quality.
- **AI & Speech-to-Text Expertise:** Hands-on experience with Speechmatics, Deepgram, Rev AI, and other ASR models.

TravelClick, Inc

- Created web APIs using GoLang where we make use of libraries like net/http, regexp etc.
- Worked with clients like Booking.com, Expedia, OYO Hotels etc.
- Created web crawlers using GoLang that fetches the open data from the website. Experience developing systems based on user stories.

Cloud Platform

- Created POC's that manages IAM roles, storage and network. Leverage appropriate GCP services.
- Basic knowledge of continuous integration and delivery (CI/CD).

CERTIFICATIONS

- IBM Applied AI
- AWS Certified DevOps Engineer - Professional
- Google Associate Cloud Engineer
- Coursera - GoLang Certification

LANGUAGES

Marathi

Full Professional Proficiency

Hindi

Full Professional Proficiency

English

Full Professional Proficiency