Mahesh Sharma

Chandigarh | maheshmoudgil1@gmail.com | 7496896006 | https://www.linkedin.com/in/mahesh-sharma1

SUMMARY

Results-oriented and innovative **Full-Stack Developer with AI Expertise** with **2.4 years of total work experience**. Looking towards the challenging and responsible working environment to showcase and improve my skills for the betterment of the company and self.

SKILLS

AWS : Lambda, S3 Bucket, API Gateway, SQS, SAM, SNS, SES, Amazon Lex, Cloudwatch, EventBridge and more
Front End : HTML, CSS, BOOTSTRAP, JavaScript, TypeScript, jQuery, Angular 1, Angular 2
Back End : Python, Flask, Django
Database : PostgreSQL, SQLite Browser , MongoDB, DocumentDB, HeidiSQL
ML, Data Science and AI Tools : LLM and ChatBot (ChatGPT, Gemini, Llama, LangChain, Vertex, Hugging Faces), Generative AI, Langchain, Natural Language Processing, Prompt Engineering, Numpy, Pandas, Matplotlib, OpenCV
Other skills : JIRA, Confluence, Git, Postman, Colab Notebook, Restful API's, Firebase Cloud Messaging, SMTP, Asterisk (For Call Setup), Ubuntu

EXPERIENCE

Software Engineer | [Udyat Technologies](#)
September 2023 - Present, Mohali
· Achieved Senior Engineer role within a year at a lean startup. Led Coucal's backend, mastering serverless architecture, data science, LLMs, and earning CEO recognition for technical leadership and project management.

Associate Software Engineer | [Bebo Technologies](#)
April 2022 - July 2023, Chandigarh
· Frequently involved with cross-functional teams to collect and hone project specifications with expertise includes proficiency in multiple programming languages, frameworks, and technologies, guaranteeing the delivery of high-caliber solutions that satisfy customers and follow accepted business procedures, allowing me to contribute effectively to full stack development tasks.

Intern | [Bebo Technologies](#)
February 2022 - April 2022, Chandigarh
· Extensively utilized Perl programming, with a primary emphasis on Core Perl, CGI scripting, and PostgreSQL database management. Demonstrated adaptability by swiftly transitioning into office operations, where I harnessed my acquired skills to enhance internal processes, contributing to improved workflow and data-driven decision-making.

PROJECTS

Coucal | At Udayat Technologies | [Link](#)
An automated recruitment system that streamlines hiring through AI and machine learning. I focused on the backend, implementing various LLMs (like ChatGPT & Gemini) for entity extraction and building chatbots for candidate interaction. Coucal automates initial screening and technical calls, saving time and resources.

Here are **my key contributions** to coucal:

- Designed call scheduling and status tracking using Asterisk APIs.
- Developed AGI scripts and extensions for Asterisk call handling.
- Created prompts for accurate resume data extraction.
- Built human-like chatbots for initial screening conversations.

Coucal automates initial screening and technical calls, saving time and resources. The system extracts key data from resumes and facilitates natural candidate interactions, leading to a smoother and faster recruitment process.

Push Notification Utility | At Bebo Technologies
A web application for push alerts delivery to both Android and Web applications. Eliminated reliance on third-party software, bolstering organizational data security. Expanded functionality by introducing login and registration SSO with social sign-ins, CAS login, forgot password, and email verification features, further enhancing user experience and engagement.

QAJARVIS| At Bebo Technologies | [Link](#)
Collaborated on the UI/UX enhancement of an AngularJS-based Web App tailored for Quality Assurance (QA) teams. Streamlined test case creation and management, enabling seamless import (via CSV, XML, AI) and export in both CSV and XML formats.
Proficiently managed routes, states, data binding, modules, controllers, events etc, resulting in an intuitive and fluid user experience.

EDUCATION

Bachelor of Technology| Computer Science | Kurukshetra University | CGPA - 8.07   2018 - 22
Intermediate | Science | Saraswati Senior Secondary School | CGPA - 7.2   2017 - 18