

Mahesh Sharma

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SUMMARY

Results-oriented and innovative **Full-Stack Developer with AI Expertise** with **3 years of 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, JavaScript, TypeScript, jQuery, Angular

Back End : Python, Flask, Django

Database : PostgreSQL, HeidiSQL, SQLite Browser, MongoDB, DocumentDB, Redis

ML/ AI Tools : LLM and ChatBot (ChatGPT, Gemini, Llama, Vertex, Hugging Faces etc), GenAI, Langchain, NLP, Prompt Engineering, Numpy,

Pandas, Matplotlib, OpenCV

Other technical skills : JIRA, Git, Postman, Asterisk, Ubuntu, FastAPI, Rest API, WebSocket, RabbitMQ, Kafka, Rule Engine

EXPERIENCE

Senior Software Engineer | Udyat Technologies

Sep 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

Apr 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

Feb 2022 - Apr 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 ace operations, where I harnessed my acquired skills to enhance internal processes, contributing to improved workflow and data-driven decision-making.

PROJECTS

Coucal AI | At Udayat Technologies | [Website](#), [Project](#)

An automated recruitment system that streamlines hiring through AI and machine learning. I focused on the backend, implementing various LLMs (like GPT, Gemini & Claude) for various purposes as well as Asterisk for designing the calling process.

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, generation of coding and aptitude problems.
- Built human-like chatbots for initial screening and technical conversations.

Practice Panel | At Udayat Technologies | [Website](#), [Project](#)

Free upskilling platform for students to enhance their aptitude, coding, technical, and soft skills through mock and other interview methods.. It offers interview readiness tracking, growth analytics, and personalized insights, helping final-year students, MNC aspirants, and learners to improve their skills.

Push Notification Utility | At Bebo Technologies | [Link](#)

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