

Sonam Khedkar

Python AI Engineer

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Experienced and result-oriented Full Stack Developer with 3 years of hands-on experience in building scalable web applications using Python (Django, Flask) and modern JavaScript frameworks like React.js. Strong proficiency in Python with ML/AI stacks, including statistical modeling, supervised/unsupervised learning, and neural architectures. Hands-on experience with Generative AI, including LLMs, along with knowledge of scaling AI systems through parallel/distributed training and optimization.

Proven ability to develop and deploy RESTful APIs, integrate third-party services, and optimize performance across front-end and back-end layers. Adept at database design, cloud deployments, and delivering intuitive UI/UX interfaces. Skilled in frameworks and tools such as TensorFlow, GitLab (CI/CD pipelines),

SKILLS

- Python
- Django
- Natural Language Processing
- Docker
- MongoDB
- React.js
- Large Language Model
- AWS Lambda
- Tensorflow
- SQL
- Flask
- Artificial Intelligence
- Ci/Cd
- generative ai

WORK EXPERIENCE

Python AI Engineer - Truvoice AI	Oct 2023 - Present
Developed an AI-powered web platform using Flask, React.js, and MongoDB for intelligent automation.	
Optimized MongoDB queries to improve API response performance.	
Integrated ML/NLP models for chatbot automation and voice assistants.	
Implemented JWT-based authentication to enhance application security.	
Automated deployment using Docker, AWS Lambda, and cloud CI/CD pipelines.	
Built and integrated voice-enabled features using Google Cloud TTS, SSML, and Speech Recognition.	
Leveraged TensorFlow model training and fine-tuning.	

Fullstack Developer - Bynry services	Aug 2022 - Oct 2023
Built scalable Django-based web applications with React.js frontend, handling complex business logic.	
Implemented New Relic monitoring, optimizing database queries, reducing load time by 30%.	
Developed custom API integrations to enhance system interoperability.	
Designed automated scripts for database migration & data analysis in MySQL.	
Debugged and resolved critical performance bottlenecks, improving system efficiency.	

INTERNSHIPS

Resume Builder, Zabuza	6 Months
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PROJECTS

Lipozene Voice bot	5 Months
Technologies: Python, Docker, Google Cloud TTS, SSML, NLP, Speech Recognition, Linux	

Experience building AI-powered applications using Python, Flask, and NLP.
Integrated Google Cloud TTS and Speech Recognition in production voice bot.
Worked with NLP models for chatbot automation and voice assistants.
Hands-on with TensorFlow, speech-to-text, and SSML-based dynamic responses.

Multiple Bot	12 Months
Tech Stack: Python (Flask), React.js, MongoDB, JWT Authentication	
Developed a multi-bot creation system supporting intent & entity validation.	
Improved bot response accuracy by 35% using advanced NLP techniques.	
Ensured secure user access with JWT authentication.	
CESC	12 Months
Tech Stack: Python, Django, JavaScript, MySQL	
Developed meter reading & bill distribution features for a large-scale web & mobile application.	
Optimized MySQL queries, reducing API response time by 45%.	

EDUCATION

2022 MS/M.Sc(Science) |
Maths
Pune University
Grade - 9.4/10