# Desai K

Senior python developer, 5+ years experience
Pune, India
https://augmntx.com/profile/senior-python-developer-desai-k/axo29991

+91 9820045154 | hr@augmntx.com

Result driven Data Scientist and Gen AI Engineer over 5 years of Experience in designing and developing and deploying scalable AI and ML solutions across diverse domains including CAD automation, PLM and ALM systems, healthcare, and enterprise services. Skilled in building and integrating LLM-powered chat assistants, RAG-based systems, and multimodal AI applications using tools such as LangChain, Azure OpenAI, Google LLMs, and AWS Bedrock.

**INDUSTRIES:** healthcare, Banking Financial

## TECHNICAL SKILLS

| | |
|---|---|
| • Python | 5 years & 3 months |
| • Azure | 4 years & 5 months |
| • LLM | 2 years & 5 months |
| • Gen AI | 2 years |
| • RAG | 1 years & 8 months |

## PROJECT DETAILS

• Siemens Polarion Chat June-2024 - February-2025

Project Description: Domain: Product Lifecycle Management (PLM) Or ALM, MEDTECH Client: JOHNSON & JOHNSON
Responsibilities: Description: Created Chat Assistant with 3 different functionalities and Integrated AI inside Polarion software to create automation for 2 sceDescription: Created Chat Assistant with 3 different functionalities and Integrated AI inside Polarion software to create automation for 2 scenarios.narios.
Technologies: Gen AI , lang chain and LLm, python
Industry: healthcare

• Conversational Chat

Project Description: Conversational Chat Assistant with Image integration for Generation of Computer Aided Design (CAD) Code for different formats of CAD. Integrated with Leading CAD softwares like Siemens NX, CATIA, Solid Works. Domain: CAD Client: Product + SAINT GOBAIN
Responsibilities: Created CAD-GenAI Automation product of 4 different use-cases.
Technologies: Gen AI , lang chain and LLm, python
Industry: Banking Financial

## EMPLOYMENT HISTORY

• Data Scientist And Generative AI Engineer June-2020 - August-2025

Description: A professional with experience in Python, Data Science and Machine learning with expertise in Financial and Healthcare domain projects. Python Packages- NumPy, Pandas, SciPy, Scikit-learn, Seaborn, Matplotlib, Flask.

## EDUCATION

• Masters degree in MTech from Shivaji University 2016 - 2018

## LANGUAGES

• English - intermediate

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