Nachiket Galande

Full Stack Software Developer

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TECHNICAL SKILLS

Web Development:
React.js, MongoDB, Express.js, Node.js, JavaScript, TypeScript, Redux, Flask, SQLAlchemy, Mantine, Bootstrap, HTML, CSS

Development and DevOps Tools:
Python, React-Native, Docker, Azure, Azure SQL Database, Azure DevOps, Git, Postman

Python & Data Science Libraries and Tools:
scikit-learn, numpy, pandas, matplotlib, seaborn, scipy, sqlite, socket, pygame, pymongo, SQL Server Management Studio, Tableau, Microsoft Power BI

PROFESSIONAL EXPERIENCE

Accenture   **Jul 2021 - Present**

Full Stack Software Developer

- Developed a web platform for **financial management and reconciliation**, for a prominent financial organization
- Designed frontend **reusable UI components** using **React** and **Mantine**, maintained backend with **Flask**, implemented **APIs** and integrated **Azure SQL Database**
- Implemented **Microsoft SSO Login (MSAL)** and **JWT tokens** for secure authentication.
- Conducted rigorous **code reviews**, managed **pull requests**, managed **Git** and **Azure DevOps** for version control
- Implemented thorough **security checks**, including protection against **SQL injection** and other potential cyber attacks
- Optimized operations, saving **50 hours quarterly** and reducing costs by **5-10%**.
- Utilized **Agile** methodologies for iterative development and continuous delivery.
- Created a **MERN** stack platform supporting communication for children with autism.
- Developed a **Flask-based Gen-AI assistant** leveraging **Azure OpenAI API** and **GPT-3.5 model** deployed on **Azure**.
- Integrated custom files with **Azure Search Service** for enhanced document-specific Q&A capabilities
- **Technologies Used**: React.js, Express.js, MongoDB, Node.js, Flask, Python, Azure OpenAI, Azure SQL Database, Azure DevOps, Mantine, Bootstrap, Git

PROJECTS

OpenAI-Onboarding-Bot   **Feb 2024**

- Developed a **Flask-based conversational assistant** application, utilizing **OpenAI GPT-3.5** model deployed on Azure
- Integrated custom files stored on **Azure Storage Account** with **Azure Search Service** for enhanced document-specific Q&A capabilities

Cryptocurrency Price Prediction Using Neural Networks and Deep Learning | GITHUB   **May 2021**

- Designed and developed a web app with **Streamlit** for predicting Bitcoin and Ethereum prices
- Employed data analysis, machine learning algorithms for model training using historical data
- Used **MinMaxScaler** for scaling the datasets to increase accuracy of the model
- Published associated research paper in **2021 7th ICACCS journal**

Echo | GITHUB   **May 2021**

- Developed a dynamic chat application using **Flask** and **Socket.IO** to facilitate real-time communication among users
- It employs **Flask, Flask-SocketIO, MongoDB,** and **Flask-Login** to deliver a seamless chat environment.
- Designed and integrated MongoDB to store user profiles, chat rooms, and messages, ensuring data persistence and efficient retrieval

EDUCATION

MIT ADT University, Pune | CGPA : 7.0 / 10   **2017 - 2021**
B-Tech – Computer Science and Engineering

Shubham Raje Jr. College, Thane | 82.0%   **2017**
XII – HSC Maharashtra State Board

CERTIFICATIONS AND COURSES

- **Microsoft Certified: Azure Fundamentals** *(Microsoft - 2023)*
- **Google Data Analytics Professional Certificate** *(Google/Coursera - 2023)*
- **Oracle Cloud Infrastructure 2024 Generative AI Certified Professional** *(Oracle - 2024)*
- **Oracle Cloud Data Management 2023 Certified Foundations Associate** *(Oracle - 2023)*
- **Oracle Cloud Infrastructure 2023 AI Certified Foundations Associate** *(Oracle - 2023)*
- **Web Application Development with JavaScript and MongoDB** *(Coursera - 2020)*
- **Machine Learning with Python** *(Cognitive Class - 2023)*

ACHIEVEMENTS

Innovator, GTIC Competition, Accenture

- Developed '**DWANI**', a revolutionary solution for individuals impacted by **laryngeal cancer**, providing them with an easy-to-use **neck band** that captures throat vibrations and converts them into near real-time audio.
- Recognized as the **First Runner-Up** team in the **India Finale** out of **75,000+** submissions.