PAVAN MEKALA

E-mail: pavanmekala0129@gmail.com | Github
https://www.linkedin.com/in/pavan-mekala

EDUCATION

Nalla Malla Reddy Engineering College, Hyderabad   **2021**
B.Tech

Krishnaveni Junior College, Khammam   **2017**
Intermediate (M.P.C)

Geetanjali High School, Khammam   **2015**
Secondary School of Certificate

SKILLS

Frontend	: Angular, React.js, JavaScript, HTML, CSS, Bootstrap
Backend	: Python, Node.js, Express.js
Databases	: PostgreSQL, MongoDB
Other	: Git, GitHub, Shell Scripting, Knex.js, Postman, Swagger , Aws Lambda
OS	: Windows, Linux, Mac

WORK EXPERIENCE

Designation	**:** Full-Stack Developer
Company	**:** AJAPRO AI TECHNOLOGIES
Period	**:** March 2023 - Present

Roles and Responsibilities :

- Collaborating with clients to gather and document project requirements, ensuring alignment with business objectives.
- Developing and maintaining a web-based application using Angular, Node.js, and PostgreSQL, resulting in improving user experience and increasing performance.
- Continuously developing responsive user interfaces using Angular, aligning with Figma UI designs.
- Creating and optimizing APIs using Node.js, Express.js, and Objection.js ORM for efficient and scalable data handling. Implementing user permissions and restrictions using CASL
- Integrating application with ATS systems and third-party platforms through Merge.dev and the Microservices for seamless two way data flow
- Integrating advanced AI capabilities into applications using OpenAI APIs, including the development and enhancement of OpenAI Assistants and Agents, to deliver intelligent, context-aware user experiences and automate complex workflows.
- Managing database operations, including migrations and seeds, using Knex.js to ensure proper schema changes and data seeding.
- Optimize SQL queries and API responses for fast and efficient performance, creating a robust API ecosystem.
- Maintain and monitor Jenkins pipelines during deployments, ensuring smooth CI/CD processes.
- Handle application deployments and management on AWS, ensuring reliability and scalability.
- Developing AWS Lambda functions to support backend logic and microservices architecture.
- Performing regular and thorough quality assurance (QA) testing to maintain and enhance product functionality and reliability.

PROJECTS

Project #1	:	**TalentBloom.ai**
Client	:	TalentBloom Health Care, Texas, USA
Duration	:	March 2023 to Present
Environment	:	Angular, Node.js, Express.js, PostgreSQL , Knex.js

Description : TalentBloom is a SaaS platform that streamlines the interview process, focusing on building culture-aligned teams, particularly in healthcare. It integrates seamlessly with popular Applicant Tracking Systems (ATS) like iCIMS,BambooHR enabling automated data transfer and synchronization of interview results. Additionally, it connects with the Gritly platform via a third-party unified API platform Merge.dev , allowing efficient and standardized data exchange between multiple systems. This integration drastically improved interview efficiency, allowing interviewIA to match a year's worth of interviews in just one quarter, while reducing errors and enhancing user experience through automation.

Key Contributions :

- Developing new features according to product requirements, ensuring the application evolves with client needs.
- Designed and maintained APIs using Node.js, Express.js, and Objection.js ORM, with a strong focus on optimizing SQL queries and API performance to build a robust and scalable API ecosystem.
- Integrating the application with multiple ATS platforms and the Gritly application using Merge.dev and Microservices and ensuring secure and standardized two way data flow into the applications.
- Integrate AI capabilities into the application using OpenAI APIs, adding innovative features to the platform.
- Manage and monitor Jenkins pipelines during deployments, ensuring a smooth CI/CD process.
- Oversee database management, including migrations and seeding, using Knex.js with PostgreSQL.

Project #2	:	**Gritly**
Client	:	TalentBloom Health Care , Texas, USA
Duration	:	January 2024 to Present
Environment	:	React.js, Node.js, Express.js, MongoDB, PostgreSQL

Description : Gritly is an AI-powered skills-based training and hiring marketplace that helps individuals discover and develop career paths. It connects training creators with organizations to facilitate upskilling and reskilling. Gritly is ideal for those seeking career guidance, educators developing job-oriented training, and companies looking to enhance or hire talent.

Key Contributions :

- Developing new features for the Gritly platform, ensuring it remains responsive to the needs of users, training creators, and hiring organizations.
- Implement and optimize APIs using Node.js and Express.js for cross-functional database interactions with PostgreSQL and MongoDB.
- Managing application deployments and infrastructure on AWS, ensuring reliability and scalability.
- Conduct thorough testing and debugging to maintain high application performance and reliability.

CERTIFICATIONS

- Python Certification by HackerRank
- SQL certification by HackerRank

Date: 15-04-2025

Place: Bangalore   **PAVAN MEKALA**