SHIBINO P ABRAHAM

Python – Django | React

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GitHub | Portfolio

SUMMARY

- Experienced professional skilled in developing and deploying robust web applications using Python-Django, React frameworks and integrating AI and ML technologies.
- Strong problem-solving abilities and effective communication skills, proven through leadership in project delivery and continuous skill enhancement.

TECHNICAL SKILLS:

- **Programming Languages:** Python, JavaScript, C
- **Web Technologies and Frameworks:** HTML5, CSS3, Bootstrap, Django, Flask, React.js
- **Database Management:** SQLite, MySQL, PostgreSQL, MongoDB
- **Tools & Platforms:** Git, Github, Docker, AWS
- **Machine Learning and AI:** TensorFlow, NumPy, Pandas, Scikit-learn
- **Software Development Practices:** Agile Methodologies, RESTful APIs, MVC architecture, Continuous Integration / Continuous Deployment (CI/CD), Unit Testing & Debugging

SOFT SKILLS: Communication, Teamwork, Problem-Solving, Time Management, Adaptability, Creativity

PROFESSIONAL EXPERIENCE

PROFESSIONAL GROWTH AND DEVELOPMENT

Software Developer | Frontend Developer | Technical Content Writer   *April 2021 - Present*

During the medical leave period from March 2022, focussed on recovery post-surgery, showcasing resilience and prioritization of personal well-being, while continuing learning and skill advancement through authoring technical blogs, obtaining certifications and self-developed projects. Demonstrated problem-solving acumen and creativity through the implementation of projects and certifications.

Project 1: GenAI VerseCraft

- Technologies Used: Python, TensorFlow, NumPy, Web Scraping
- Pioneered AI-driven poetic creation by employing deep learning and natural language processing to compose Shakespearean sonnets.

Project 2: Book Search Application

- Technologies Used: Go, CSS3, JavaScript, Bootstrap, ReactJS
- Built a sophisticated web-based tool to help book enthusiasts discover new literary adventures.
- Utilized the Open Library API to fetch comprehensive book details, including covers, publication dates, and summaries.

QUEST INNOVATIVE SOLUTIONS   ERNAKULAM, KERALA / INDIA

Software Engineer Trainee   *September 2020 – Mar 2021*

Revitalized web application development processes at Quest Innovative Solutions, enhancing functionality and reliability through comprehensive unit testing, resulting in a significant 80% increase in test coverage. Led initiatives that improved application performance and user satisfaction, underscoring a commitment to excellence in full-stack web development.

Project 1: EDC Multi Cancer Detection System

- Technologies Used: Python, Django, React (Redux)
- Contributed to the development of Electronic Case Report Forms (eCRFs) and study rules, facilitating the creation of structured data formats and study protocols.
- Conducted frontend testing and documentation to ensure reliability and usability.

Project 2: Employee Task Tracking and Rating System

- Technologies Used: Python, Flask, SQLAlchemy
- Developed a web application using Flask to track employee tasks and implement a rating system. This system optimizes performance evaluations within organizations by providing a user-friendly interface for both employees and managers, leveraging Flask's flexibility and scalability.

EDUCATION

B.Tech in **Computer Science and Engineering** | A P J Abdul Kalam Technological University, Kerala, India   2016 - 2020

LANGUAGES: English (Fluent), Hindi (Bilingual), Malayalam (Native)

CERTIFICATION: Python Full Stack Web Developer | QIS Academy | Nov 2020 - Mar 2021

INTERESTS: Content Writing / Technical Content Writing, Yoga and Meditation