

JINSHA TCP

SENIOR SOFTWARE ENGINEER



+971 52 314 0304



tcpjinsha@gmail.com



Ajman, United Arab Emirates.



Github.com/jinshatcp



Jinshatcp.github.io



Whats App

EDUCATION

2015 - 2019

B.Tech IT (Information Technology)

College Of Engineering
Thalassery,
Kannur, Kerala,
India.

2010 - 2012

Secondary School

Kadambur Higher Secondary
School,
Kannur, Kerala,
India.

PERSONAL STATEMENT

Driven software engineer and data science expert with a passion for leveraging technology to solve complex problems. Seeking a challenging position that allows me to utilize my strong technical skills, analytical mindset, and creative thinking to develop innovative software solutions and extract actionable insights from data. Dedicated to continuous learning and growth, I aim to contribute to a dynamic team in a collaborative environment, where I can make a meaningful impact and drive positive change through technology-driven solutions.

PROFESSIONAL EXPERIENCE

Senior Software Engineer

Mar 2023 - Present

Top Quality Researchers And IT Solutions FZA,
Ajman,
United Arab Emirates.

- ❖ Developed and maintained robust and scalable Python-based software applications for deep learning, machine learning, and data analysis, ensuring high performance, reliability, and efficiency.
- ❖ Collaborated with cross-functional teams to understand project requirements, design data-driven solutions, and implement innovative algorithms and models using Python libraries such as TensorFlow, PyTorch, and scikit-learn and R packages like caret, ggplot2, and dplyr.
- ❖ Utilized advanced data science techniques and statistical analysis to extract meaningful insights from large datasets, contributing to data-driven decision-making processes.
- ❖ Implemented and optimized data preprocessing pipelines, feature engineering, and data cleansing techniques to enhance data quality and model performance.
- ❖ Conducted thorough testing and debugging to identify and resolve software defects, ensuring the delivery of high-quality, bug-free code.
- ❖ Worked closely with stakeholders to gather and understand business requirements, translating them into technical specifications and designing appropriate software solutions.
- ❖ Mentored and provided technical guidance to junior team members, fostering their growth and knowledge in Python development, deep learning, and data analysis.
- ❖ Stayed up to date with the latest advancements in deep learning, machine learning, and data science technologies, continuously enhancing skills and incorporating new methodologies and tools into the development process.
- ❖ Actively participated in code reviews, contributing to the improvement of code quality, maintainability, and adherence to best practices and coding standards.

COMPUTER SKILLS

Microsoft Project.
Microsoft Office.
Microsoft Visual Studio Code.
Microsoft Visual Studio.
R Studio.
Jupyter Notebook.
Google Colab.
Pycharm.
Github And Git.
Oracle Apex.
SQLite.
MS SQL Management Studio.

TECHNICAL SKILLS

Programming Languages:

Python, R, Java, C++, SQL,
JavaScript, HTML, and CSS.

Python Frameworks and Libraries:

Django, Flask, NumPy, Pandas,
TensorFlow, PyTorch, scikit-learn.

Data Analysis and Visualization:

RStudio, Jupyter Notebook.

Machine Learning:

Supervised and Unsupervised
Learning, Regression,
Classification, Clustering, Neural
Networks.

Deep Learning:

Convolutional Neural Networks
(CNN), Recurrent Neural
Networks (RNN), Natural
Language Processing (NLP).

Database Management:

SQL, MySQL, SQLite.

Version Control:

Git, GitHub.

Big Data Technologies:

Hadoop.

Cloud Platforms:

AWS.

Agile Software Development Methodologies:

Scrum.

- ❖ Utilized R for exploratory data analysis, statistical modeling, and data visualization, extracting meaningful insights from diverse datasets and presenting findings to stakeholders.

Junior Software Engineer

Jan 2022 – Mar 2023

TQ Elites FZA,
Ajman,
United Arab Emirates.

- ❖ Assisted in the development and maintenance of full-stack web applications using Python, HTML, CSS, and JavaScript, ensuring seamless functionality and user-friendly interfaces.
- ❖ Implemented backend functionality using Python frameworks such as Django or Flask, handling data processing, database integration, and API development.
- ❖ Collaborated with the team to gather and analyze requirements, contributing to the design and architecture of web applications.
- ❖ Utilized R for data analysis and data science tasks, such as exploratory data analysis, statistical modeling, and data visualization, to extract meaningful insights and support decision-making processes.
- ❖ Integrated data analysis functionalities into web applications, enabling users to interact with data-driven features and visualizations.
- ❖ Worked closely with frontend developers to ensure smooth integration of backend functionalities with user interfaces, collaborating on the development of intuitive and responsive web applications.
- ❖ Assisted in the implementation and optimization of data preprocessing pipelines and data cleansing techniques to improve data quality and analysis accuracy.
- ❖ Conducted testing and debugging of software applications, identifying and resolving issues to ensure high-quality and bug-free code.
- ❖ Kept up to date with the latest trends and advancements in web development, data analysis, and data science technologies, actively seeking opportunities for professional growth and skills enhancement.
- ❖ Collaborated with cross-functional teams, actively participating in code reviews, sharing knowledge, and contributing to the improvement of code quality, maintainability, and adherence to best practices and coding standards.
- ❖ Assisted in the deployment and maintenance of web applications, ensuring compatibility with different environments and platforms.
- ❖ Actively participated in team meetings, providing input and suggestions, and contributing to the overall success of the project.
- ❖ Demonstrated a strong willingness to learn and grow, taking on new challenges and responsibilities as assigned by the senior software engineers.

Trainee Software Engineer

June 2021 – Oct 2021

Integos Intelligent Solution,
Kannur, Kerala,
India.

- ❖ Collaborated with the development team to design and develop a responsive online shopping cart using Django, incorporating all CRUD operations (Create, Read, Update, Delete) for managing products, customer orders, and inventory.
- ❖ Participated in the complete software development lifecycle, including requirements gathering, design, coding, testing, and deployment of the online shopping cart application.

PERSONAL SKILLS

Highly Competent.
Collaborative.
Time Tracking Expertise.
Problem Solver.
Out of the Box Thinker.
Problem-solving.
Algorithmic Thinking.
Excellent Analytical.
Problem-solving Skills.
Strong Communication.

LANGUAGES SKILLS

Malayalam – Native.
English – Fluent.

PERSONAL INTERESTS

Reading Books.
Playing Computer Games.

REFERENCES

Chaudhary Umer Ali Riaz.
IT Manager,
Top Quality Researchers And IT
Solutions.
Ajman, United Arab Emirates.
+971 56 579 6913.

More references will be provided
upon request.

- ❖ Utilized Python frameworks such as Django and Flask to implement backend functionality, handling data processing, database integration, and API development.
- ❖ Implemented frontend components using HTML, CSS, JavaScript, and Bootstrap, ensuring an intuitive and user-friendly interface for the online shopping cart.
- ❖ Incorporated features such as user authentication, session management, and secure payment gateways to ensure a seamless and secure online shopping experience.
- ❖ Developed and integrated mailing functionality into web applications using Django and Flask, allowing users to send and receive emails through the application.
- ❖ Utilized DB Browser for managing databases and performed database operations to store and retrieve product information, customer orders, and other relevant data.
- ❖ Implemented interactive features using jQuery, Ajax, and JSON to enhance the user experience and improve application performance.
- ❖ Collaborated with cross-functional teams, including frontend developers and designers, to ensure seamless integration and consistency of the web application.

Software Engineer – Internship

Mar 2021 – June 2021

Integos Intelligent Solution,
Kannur, Kerala,
India.

- ❖ Build a responsive online shopping cart using Django (all CRUD operations).
- ❖ Created a mailing Web application using Django and Flask.
- ❖ Used: Python (Django, Flask), HTML, CSS, Java Script, Bootstrap, DB Browser, jQuery, Ajax, json.