

Muhammad Zeeshan

Senior Software Engineer | Full Stack Developer | Web Developer

SUMMARY

With over 9 years of experience, the engineer has established a strong reputation in full stack development, exhibiting prowess in Python, Django, React JS, and front-end JavaScript technologies. They have a proven track record in leading and developing scalable web applications, showcasing competencies in database schema design, backend logic, API creation, and performance optimization. Their educational foundation in Computer Sciences is complemented by their ability to work in team environments, driving projects to successful completion and mentoring junior developers. The engineer possesses practical knowledge of cloud services, version control, data scrapping tools, CI/CD pipelines, and has actively contributed to various projects, demonstrating technical agility across domains such as e-commerce, HR management, sentiment analysis, and more.

TECHNICAL SKILLS

Main Technical Skills	Python (9 yr.), Django REST framework (7 yr.), React (6 yr.), JavaScript (5 yr.), HTML (5 yr.)
Programming Languages	JavaScript (5 yr.), Python (9 yr.), VBA
Python Libraries and Tools	Beautiful Soup (2 yr.), NumPy, pytest (3 yr.), PyTorch (3 yr.), Scrapy (3 yr.)
Python Frameworks	Django REST framework (7 yr.), Flask (5 yr.)
UI Frameworks, Libraries, and Browsers	HTML (5 yr.)
AI & Machine Learning	NumPy, PandasAI, PyTorch (3 yr.)
JavaScript Frameworks	React (6 yr.)
JavaScript Libraries and Tools	Redux
.NET Platform	VBA
Data Analysis and Visualization Technologies	Data Scraping, ELT, PandasAI

Databases & Management Systems / ORM	Apache Hadoop, PostgreSQL, Redis (4 yr.)
Cloud Platforms, Services & Computing	GCP
Azure Cloud Services	Azure DevOps
Deployment, CI/CD & Administration	CD DevOps pipelines
Virtualization, Containers and Orchestration	Docker
SDK / API and Integrations	GraphQL (6 yr.), RESTful API
Collaboration, Task & Issue Tracking	Jira
Operating Systems	Linux
Methodologies, Paradigms and Patterns	microservices
Web/App Servers, Middleware	Nginx
QA, Test Automation, Security	pytest (3 yr.), Unit Testing
Other Technical Skills	Logger, Optimism, Vaex

WORK EXPERIENCE

Senior Software Engineer / Full Stack Developer, Nookmart

Summary: Nookmart is an online shopping platform offering Animal Crossing items, providing speedy delivery and payment via credit card.

Responsibilities: Lead design and development of both frontend and backend components, ensuring seamless user interactions and robust application performance.

Technologies: Python, Flask, Django, HTML, React JS

Senior Software Engineer / Full Stack Developer, Crypto POC

Summary: Developed a proof of concept for cryptocurrency price forecasting, focusing on Bitcoin and Ethereum with high accuracy and daily updating models.

Responsibilities: Built forecasting models, handled data updates and model refreshes daily, and contributed to the design and development of the forecasting pipeline.

Technologies: Python, Flask, Flassger, Logger, Pandas, Numpy

Senior Software Engineer / Full Stack Developer, Scala News

Summary: Scala News automates the machine learning process for time series analysis and forecasting, with modules for data preprocessing and visualization.

Responsibilities: Contributed to the automation of the ML process for time series forecasting, including data preprocessing, engineering, and visualization.

Technologies: Python, Flask, Flassger, Postgres, React JS, ETL, AWS, Jenkins, Logger, Pandas, Numpy, Vaex

Senior Software Engineer / Full Stack Developer, HR Management System (Globelise)

Summary: HR Management System (Globelise) streamlines global hiring and payroll management for employers expanding internationally.

Responsibilities: Involved in developing and optimizing the frontend to facilitate a user-friendly experience for global hiring solutions.

Technologies: React JS

Senior Software Engineer / Full Stack Developer, Pulse

Summary: Pulse is a data scraping tool that gathers posts across platforms based on keywords and displays sentiment analysis along with statistical data.

Responsibilities: Focused on frontend development to present scraped data with graphical analysis and filtering options for better insights.

Technologies: React JS

Senior Software Engineer / Full Stack Developer, Twitter Sentiment Analysis

Summary: Performed sentiment analysis on data scrapped from Twitter and other platforms, organizing the data within the Hadoop Ecosystem.

Responsibilities: Handled sentiment analysis using various techniques and integrated with the Hadoop Ecosystem for data management.

Technologies: Python, Hadoop, Natural Language Processing, Web-Scraping, Linux

Senior Software Engineer / Full Stack Developer, Cric3PC (Cricket Player Performance System)

Summary: Cric3PC predicts cricketers' performances and match outcomes using advanced time series and anomaly prediction models.

Responsibilities: Employed the HTM model to predict the performance of cricketers and winning predictions, focusing on time series data.

Technologies: Python, Linux, React JS

Senior Software Engineer / Full Stack Developer, Various Client Projects

Summary: Developed a website for insurance comparison and a news automation and analysis platform.

Responsibilities: Led the development of client-specific web platforms with an emphasis on frontend and backend functionality and performance.

Technologies: Varies per project - not specified

EDUCATION

- **BS (Computer Sciences)**
- University of Lahore
- 03/2012 – 04/2016
- **F.Sc(Engineering)**
- Government College University
- 2010 – 2012