Mohd Aqib

Senior Software Engineer

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Skills

- Python, Open Source LLM , OpenAI, Outlook Plugin, RESTful API development, Backend Development, Azure, FastAPI, Flask, JavaScript, React, Redux, MySQL, PostgreSQL, MongoDB, CosmoDB, Git, Alembic ORM, Cloud Computing, Azure, AWS

Experience

Software Development Engineer (Full Stack)   Jun 2024 - Present

Fractal Analytics

- Led customer engagements to showcase web solutions, achieving a 20% boost in client satisfaction through tailored demonstrations.
- Collaborated with cross-functional teams to create Proof of Concept (POC) solutions, reducing project timelines by 15% and enhancing delivery speed.
- Communicated technical solutions to stakeholders, translating POC results into actionable strategies that improved decision-making efficiency by 25%.
- Designed a dynamic frontend for the funnel application, enhancing predictive capabilities and increasing forecasting accuracy by 30%.
- Partnered with backend teams to ensure seamless integration, optimizing frontend performance and reducing load times by 40%.

Senior Software Engineer   Jul 2022 - Jun 2024

LTIMindtree   Pune

- Engineered an Outlook plugin (App-In) that analyzes insurance-related emails, boosting user productivity by 25% through actionable insights.
- Trained an open-source LLM on mailbox content, enhancing user comprehension by 40% with precise mail context summaries.
- Fine-tuned the LLM using legacy data for Insurance BU solutions via Azure OpenAI, achieving a 30% increase in model accuracy.
- Established robust data privacy policies on the CanvasAI platform, ensuring compliance and significantly enhancing user trust in generative AI applications.
- Integrated Azure OpenAI service with Python and Flask, improving compliance by 20% while aligning with client policies.
- Collaborated with the DevOps team to dockerize applications and deploy them on AKS, cutting deployment time by 50%.
- Transformed the India Payroll SSC portal for L&T Group, improving user experience for over 300k users and driving a 30% increase in daily engagement.

Python Developer (Intern)   Nov 2021 - Apr 2022

Analyze Infotech

- Designed and implemented a latency comparison classifier using K-NN, SVM, and Decision Tree models, enhancing fog application performance metrics by 20%.
- Engineered a machine learning-driven fog application classifier and scheduler, achieving a 28% reduction in latency and improving resource allocation efficiency.

Associate Software Engineer   Feb 2020 - Oct 2020

Tata Consultancy Services

Client - TCS internal project GRS / Ibegin which is TCS hiring Portal use by experienced candidates and recruiters globally.

- Provided bug triage and resolution support to internal and external QA teams.
- Streamlined the documentation process by 20%.
- Collaborated with stakeholders to gather and understand project requirements effectively.

- Involved in all development lifecycle phases, ensuring comprehensive contribution.

Experienced in B2B integration (SOAP, REST, etc.) for seamless business connectivity.

Projects

Personal portfolio Website

🔗 https://www.mohdaqib.me

- Developed the portfolio website to demonstrate full stack development skills.
- Created in 15 dyas. Please check portfolio for more work experience and projects.

listWork

🔗 https://todogui.netlify.app/todoGUI#/login

- Developed a todo list application that you can share/collab with friends and colleagues which will improve productivity by 30%.

Tech stack used angular 14, directive, custom pipes, NgRx , RxJs, HTML5, CSS3, JavaScripts, TypeScripts.

fastAPI python framework, Postgresql, ORM SQLalchemy, database driver psycopg2.

Stock Tracking Application

🔗 https://primexomega.github.io/stockTrackerApp#/

- Developed a real time stock tracker with past 3 month market sentiment analysis.

Tech stack used angular 14, directive, custom pipes, NgRx , RxJs, HTML5, CSS3, JavaScripts, TypeScripts.

OSEsports

🔗 https://osesport.com/

- Developed Esports tournament organizing and managing portal, teams can register in tournaments and take part in events.
- Developed the website to increase the online presence of the company and increase engagement by 50%.

Tech stack used React, Node, MySQL, Razorpay payment gateway, HTML5, CSS3, JavaScripts.

Achievements

- **Research & Published Papers**
1. Machine Learning for Fog Computing: Review, Opportunities and a Fog Application Classifier and Scheduler, Springer.
2. Classification of Edge Applications using Decision Tree, K-NN, SVM classifier, IEEE.
- **Cretificate**
1. Angular Level 2 Intermediate
2. Certificate: Microsoft Azure Fundamentals (AZ-900)

Education

Scaler   2024
Specialized in Software Development & Problem Solving

MNNIT, ALLAHABAD   2022
ME / M.Tech
Branch- Information Security

UPTU   2018
BE/B.Tech/BS