

ABDUL KASIM

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SUMMARY

Data Analyst intern candidate with hands-on experience in Python and SQL for automating data processing workflows and preparing datasets for analysis. Proficient in Pandas, NumPy, and building data visualizations to support insights and decision-making. Skilled in defining quality checks and collaborating in Agile teams to ensure accurate, reliable results.

EDUCATION

OP Jindal University

Bachelor of Technology, Computer Science and Engineering

Aug 2024 – Aug 2028

Raigarh, Chhattisgarh

• **CGPA:** 8.56/10.0

• **Coursework:** Data Structures & Algorithms, Machine Learning, Artificial Intelligence, Database Management Systems, Object-Oriented Programming, Web Technologies, Computer Networks

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C/C++, JavaScript, SQL, HTML/CSS
- **Frameworks & Libraries:** TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, React.js, Node.js, Flask, Django
- **Tools & Technologies:** Git, GitHub, Docker, Jupyter Notebook, VS Code, MySQL, MongoDB, PostgreSQL
- **Core Competencies:** Machine Learning, Artificial Intelligence, Data Analysis, Web Development, Full-Stack Development, Data Structures & Algorithms, REST APIs, Agile Methodology
- **Data Analysis & Management:** Data Science, Statistical Analysis, Statistical Techniques, Data Visualization, Data Processing, Data Collection, Data Quality Control, Data Integration, Automation, Information Technology Solutions

INDUSTRY JOB SIMULATIONS & CERTIFICATIONS

- Quantum Data Analytics Job Simulation: Forage | Completed practical tasks in data preparation, customer analytics, experimentation, uplift testing, and commercial analytics applications.
- Deloitte Data Analytics Job Simulation: Forage | Completed practical tasks in data analysis and forensic technology.
- Tata GenAI Powered Data Analytics Job Simulation: Forage | Completed practical tasks in exploratory data analysis, AI-based delinquency prediction, data storytelling, and AI-driven collections strategy implementation.
- JPMorgan Chase Software Engineering Job Simulation: Forage | Completed practical tasks involving project setup, Kafka integration, H2 integration, REST API integration, and REST API controller development.
- Machine Learning / Deep Learning Certifications: Coursera.

AWS Certified Cloud Practitioner / Google Cloud Associate / Microsoft SOAR - AI to Aspire SOAR - AI to Aspire and more

EXPERIENCE

Blue Stock

Feb 2026 – Mar 2026

Data Analytics Intern (Remote Internship)

- Performed customer segmentation and purchasing behavior analysis using data analytics techniques.
- Evaluated store trial performance using statistical analysis and control store comparison methods.
- Generated business insights and strategic recommendations for category growth and retail optimization.
- Prepared executive-level reports and presentations using the Pyramid Principle framework.

Alfido Tech

Mar 2026 - Apr 2026

Artificial Intelligence Intern (Remote Internship)

- Worked on AI and machine learning tasks involving data preprocessing, model development, and performance evaluation.
- Applied Python, Pandas, NumPy, and Scikit-learn for exploratory data analysis and predictive modeling.
- Developed and tested AI-based solutions to improve accuracy and automation in real-world use cases.
- Collaborated with mentors and completed task-based assignments focused on practical AI applications.

Apexsquare Solutions

Apr 2026 - May 2026

Front End Developer Intern (Remote Internship)

- Assisted in developing responsive and interactive web interfaces using HTML, CSS, JavaScript, and React.js.
- Improved UI responsiveness and user experience for web applications across desktop and mobile devices.
- Worked with REST APIs and integrated frontend components with backend services.
- Participated in debugging, testing, and optimizing application performance.

Codec Technologies

May 2026 - June 2026

Web Developer Intern (Remote Internship)

- Developed responsive and user-friendly web applications using **HTML5, CSS3, JavaScript, React.js, and Bootstrap**, ensuring cross-browser compatibility and mobile responsiveness.
- Built reusable UI components and integrated **RESTful APIs** to enable dynamic content, seamless user interactions, and efficient frontend-backend communication.
- Optimized website performance through code refactoring, lazy loading, and responsive design techniques, improving page load speed and overall user experience.
- Collaborated with mentors to complete project-based assignments, following **Git/GitHub workflows**, debugging best practices, and modern software development standards.

JPMorgan Chase & Co. (Forage)

Jan 2026- Feb 2026

Software Engineering Virtual Experience (Remote Internship)

- Worked on REST API integration, Kafka event streaming, and backend service implementation.
- Developed scalable software solutions and practiced debugging and testing methodologies.
- Gained exposure to enterprise software engineering workflows and Agile development practices.

PROJECTS

AI-Powered Fake News Detection System

- Built an end-to-end fake news detection platform using **Machine Learning, NLP, and statistical text analysis**, achieving **85% classification accuracy** in identifying misleading and fraudulent news articles.
- Designed and implemented **RESTful APIs using Flask** to deliver real-time fake news prediction and analysis, supporting multiple concurrent user requests.
- Developed an interactive and responsive frontend using **React.js**, improving user engagement and providing an intuitive experience for article verification.
- Optimized NLP preprocessing and inference pipelines through caching and efficient data processing, reducing average prediction latency from **10 seconds to 500 milliseconds**.

SanaCore AI – Enterprise AI Assistant & Intelligent Productivity Platform

- Architected a scalable AI-powered productivity platform integrating **LLMs, React.js, TypeScript, and Vite**, enabling conversational AI, intelligent coding assistance, document understanding, and automated content generation.
- Engineered a high-performance frontend with reusable component architecture, optimized rendering, Markdown parsing, syntax highlighting, and responsive SaaS UI, improving user experience and maintainability.
- Implemented secure REST API integration, session management, asynchronous request handling, and intelligent conversation workflows for reliable real-time AI interactions.
- Optimized performance through code splitting, lazy loading, caching, and efficient state management, delivering low-latency responses and scalable application behavior.
- Followed modern software engineering practices including modular architecture, TypeScript strict typing, Git-based version control, and production-ready project organization suitable for enterprise deployment

Production-Grade Data Platform | Enterprise Data Engineering & AI Infrastructure

- Designed and implemented a cloud-native, event-driven data platform integrating **Apache Kafka, Spark/Flink, dbt, FastAPI, React.js, Kubernetes, and PostgreSQL** for enterprise-scale real-time analytics.
- Built resilient streaming pipelines, distributed microservices, and AI model serving infrastructure capable of supporting high-throughput event processing and intelligent business analytics.
- Developed production-grade dashboards featuring live KPI monitoring, predictive forecasting, operational intelligence, and interactive visualizations using **React.js, TypeScript, Recharts, and D3.js**.
- Deployed containerized services with **Docker, Kubernetes, GitHub Actions, Prometheus, and Grafana**, implementing CI/CD automation, observability, monitoring, security, and cloud-native scalability aligned with modern enterprise

Computer Vision Object Detection System

- Developed a real-time object detection application using **YOLO, OpenCV, and Python**, achieving **20 FPS** inference performance on commodity hardware.

- Trained custom object detection models on annotated datasets, achieving **75% mean Average Precision (mAP)** on the validation dataset.
- Optimized inference using **TensorRT, model quantization, and GPU acceleration**, reducing model size by **81%** while maintaining high detection accuracy.
- Integrated the detection engine with a responsive web application to process live camera feeds and uploaded videos with real-time visualization and performance monitoring.

ACHIEVEMENTS & LEADERSHIP

- **Competitive Programming:** Solved 2250+ problems on LeetCode, Codeforces, and HackerRank with focus on algorithms and data structures; Achieved on Codeforces and good in competitive programming contests
- **Technical Leadership:** Led a team of students in developing e.g. Fake Article Detector for university tech fest, managing timelines and code reviews; Mentored 10+ junior students in programming fundamentals and web development technologies