SAHAIB SINGH

Mumbai, India

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Profile

Customer-obsessed product leader with 8+ years of experience in data-driven product development, specializing in big data backend systems and visualization platforms. Proven expertise in AWS data services, Power BI analytics, and designing high-performance data pipelines for enhanced customer experience. Successfully built scalable data platforms serving 500+ users, reduced response times by 30%, and achieved 98% client satisfaction through requirements gathering, data modeling, and stakeholder collaboration. Strong background in ETL systems, streaming solutions, and implementing data visualization technologies to drive business insights and operational excellence.

Experience

Freightify Solutions India PVT. LTD.   Nov 2021 – Present
Lead - Technical Product Specialist (Promoted Nov 2023)   *Hybrid*

- Led technical requirements gathering and system design for Freightify's data analytics platform, collaborating with engineering teams to implement data processing solutions for real-time rate data across 200+ freight forwarders.
- Designed and implemented Power BI dashboards and advanced data visualization solutions, reducing quotation response times by 30% and enabling data-driven decision making for logistics operations.
- Collaborated on high-performance backend system architecture using cloud services and database technologies, supporting 500+ concurrent users with 99.9% system uptime and optimized query performance.
- Collaborated with engineering teams on technical requirements gathering and data modeling, translating complex business logic into scalable system architectures and technical specifications.
- Implemented database optimization strategies and performance tuning techniques, improving query performance by 40% and reducing infrastructure costs by 25% through efficient data partitioning and indexing.
- Established technical documentation standards and system specifications, leading cross-functional technical reviews and ensuring seamless integration between frontend and backend systems.
- Spearheaded data governance and quality assurance processes, implementing data validation frameworks and monitoring systems that reduced data inconsistencies by 25% and improved overall system reliability.

Freelance Product Consultant   2021 – 2024
Data Product Specialist   *Remote*

- Developed data-intensive applications (Portsindex, Polirizer) using AWS infrastructure, implementing data pipelines and analytics features that achieved 85% user adoption.
- Built streaming data solutions for URL analytics platform (reurl.dev) using AWS Kinesis and Lambda, processing 10K+ daily events with real-time insights.
- Designed Power BI reports and data visualizations for 5+ clients, transforming raw business data into actionable insights and improving decision-making speed by 50%.
- Implemented ETL processes using AWS Glue and Apache Spark for data transformation, enabling automated data flows from multiple sources into centralized data warehouses.
- Consulted on big data architecture design, utilizing Map Reduce and streaming technologies to build scalable data processing solutions for startup clients.

Commutec: Next Gen Smart Mobility   Sep 2016 – Sep 2021
Data Product Development Lead   *Mumbai, India*

- Led development of 3 data-driven SaaS platforms, implementing AWS data services and visualization tools that achieved 85% user adoption within 6 months.
- Designed data models and implemented backend data processing systems using SQL databases and cloud storage solutions, supporting logistics workflow optimization.
- Built proof-of-concept data visualization prototypes using Power BI and custom dashboards, demonstrating 40% improvement in operational efficiency to stakeholders.
- Managed data infrastructure for 15+ client projects worth $500K+, implementing backup and disaster recovery strategies with zero data loss incidents.
- Collaborated with architecture teams on data experiments and proof-of-value initiatives, validating big data solutions before full-scale implementation.

Education

University of Mumbai (IDOL)   **2015 − 2024**
Bachelor of Science in Computer Science   *Mumbai, India*
- Specialized coursework in database systems, data structures, and software engineering methodologies.
- Completed capstone projects in data analysis and system design, demonstrating practical application of computer science principles.
- Successfully balanced academic commitments with professional experience in data product development.

Swami Vivekanand Junior College Of Science And Commerce   **2013 − 2015**
HSC, Maharashtra State Board   *Mumbai, India*

St. Joseph's High School   **2003 − 2013**
SSC, Maharashtra State Board   *Mumbai, India*

Certifications

AWS Solutions Architect Associate   **In Progress**
Cloud Data Services Certification   *Amazon Web Services*

Microsoft Power BI Data Analyst   **In Progress**
Business Intelligence Certification   *Microsoft*

AI for Product Management   **2025**
Professional Certification   *Pendo.io*

Fundamentals of Agile Project Management   **2025**
Professional Certification   *Project Management Institute*

Data Science Tools (DS0105EN)   **2025**
Professional Certification   *IBM*

Diploma in Product Management   **2025**
CPD Certified   *Alison Learning*

Projects

Portsindex | *Data-Driven Logistics Platform*   **2024**
- Built comprehensive logistics data platform using AWS services, implementing ETL pipelines and Power BI visualizations for port data analytics at portsindex.com.

Data Analytics Dashboard | *Business Intelligence Solution*   **2024**
- Developed real-time analytics dashboard using Power BI and AWS data services, processing privacy policy data and generating actionable insights for 500+ users.

IPindex & DNS-index | *Data Processing Tools*   **2025**
- Created automated data processing tools using AWS Lambda and streaming technologies, reducing manual data processing time by 10+ hours weekly.

Healthcare Data Platform | *AI-Powered Analytics*   **2025**
- Architected healthcare data platform with integrated machine learning models for personalized recommendations, utilizing AWS data services and visualization technologies.

Mental Health Analytics Platform | *Data-Driven Wellness Solution*   **2025**
- Designed and deployed data analytics platform for mental wellness insights using advanced data processing and visualization techniques to support evidence-based wellness recommendations.

Skills & Technical Expertise

Cloud & Data Services: AWS S3, EC2, RDS, Database management, Data processing concepts, Cloud architecture understanding

Data Visualization & BI: Power BI (4+ years), Google Looker Studio, Databrains, Databricks Custom dashboard development

Big Data Technologies: Data pipeline concepts, ETL design principles, Data warehousing, Batch and real-time processing concepts

Database & Storage: SQL (advanced), NoSQL, MongoDB, Data modeling, Database design, Performance optimization

Requirements & Design: Design thinking, Stakeholder assessment, Data requirements gathering, Prototyping, UI/UX for data products

Product Management: Backlog grooming, Roadmap development, Customer journey mapping, Agile methodologies, Quality assurance, Load testing

Analytics & Insights: Data governance, Data quality management, KPI tracking, Performance metrics, Customer behavior analysis

Tools & Platforms: Figma, Jira, Confluence, Git, Docker, APIs, Mixpanel, Advanced Excel, Statistical analysis

Communication & Leadership: Cross-functional collaboration, Stakeholder management, Technical documentation, Customer demos, Team leadership