

MOHOK SUTRADHAR

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PROFESSIONAL SUMMARY

Results-driven **Data Engineer & Full-Stack Developer** with practical experience architecting responsive web applications, RESTful APIs, and cloud-integrated data workflows. Proficient in Python, SQL, JavaScript, React.js, Node.js, and MongoDB, alongside hands-on knowledge of Databricks, Apache Spark (PySpark), and AWS. Experienced in computer vision annotation pipelines, dataset quality assurance (QA), and workflow automation.

TECHNICAL SKILLS

Languages & Querying:	Python, SQL, JavaScript (ES6+), HTML5, CSS3
Full-Stack & Frameworks:	React.js, Node.js, Express.js, RESTful APIs, MERN Stack
Cloud, Big Data & BI:	AWS (S3, EC2), Databricks, Apache Spark (PySpark), Delta Lake, MLflow, Power BI
Databases & Storage:	MongoDB, Relational SQL, AWS S3
Tools & QA Annotation:	Git, GitHub, Linux, CI/CD, Postman, CVAT, MS Excel

WORK EXPERIENCE

Data Annotator / QA Specialist • Write 4u Solutions	Jun 2025 – Present Kolkata, India
- Annotated and validated high-resolution image and video datasets for computer vision and AI model training using CVAT. - Applied strict labeling standards including bounding boxes, semantic attributes, and occlusion tags to ensure over 98% dataset accuracy. - Conducted comprehensive Quality Assurance (QA) audits across raw datasets, resolving class imbalances and tagging discrepancies. - Collaborated with AI engineering teams to meet daily throughput targets and accelerate model evaluation cycles.	
Full-Stack Developer Intern • Cuvette Tech	Aug 2024 – May 2025 Bangalore, India (Remote)
- Completed intensive MERN stack and Data Structures & Algorithms (DSA) training, building full-scale production-ready applications. - Architected and deployed 3+ responsive web applications with secure JWT user authentication, robust RESTful APIs, and scalable MongoDB schemas. - Optimized frontend components and API endpoints, reducing page load latency and improving overall application performance. - Utilized Git and GitHub for version control, code reviews, and structured CI/CD deployment pipelines.	

KEY PROJECTS

Meeting & Event Management Platform	React.js, Node.js, Express.js, MongoDB, React Big Calendar
- Developed an end-to-end scheduling system featuring automated one-click shareable booking links and centralized calendar views. - Integrated real-time synchronization to prevent scheduling conflicts and enhance event booking efficiency.	
Link-Tree Analytics & Hub	React.js, Node.js, Express.js, MongoDB, Chart.js
- Engineered a customizable link management platform consolidating profile and shop links into a single mobile-responsive hub. - Integrated Chart.js for real-time traffic visualization, click analytics, and user engagement tracking.	
AI Desktop Voice Assistant ('Friday')	Python, Speech Recognition, REST APIs, JavaScript, HTML/CSS
Built an interactive desktop voice assistant utilizing Python speech libraries for automated system task execution and real-time query resolution.	
Pocket-Notes Application	React.js, JavaScript, Browser LocalStorage, CSS3
Designed a lightweight note-taking web application featuring client-side persistence, group organization, and uninterrupted offline capability.	

EDUCATION

Bachelor of Computer Application (BCA) • Hijli College, Vidyasagar University	Sep 2021 – Jan 2024
Higher Secondary (XII - Science) • Inda Krishnalal Shiksha Niketan	Jan 2019 – Jan 2021
Secondary (X) • Balarampur Abhoy Ashram Naitalim Vidyapith	Jan 2018 – Jan 2019

LANGUAGES

English • Bengali • Hindi