

Shaikshavali Shaik

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Objective

Innovative and results-driven Software & Data Engineer with 4+ years of experience building scalable web applications, automating data workflows, and integrating APIs across cloud-native environments. Proficient in Python, SQL, Kafka, and AWS, with a strong foundation in AI-driven tools. Eager to contribute to a forward-thinking engineering team.

Skills

- **Languages:** Python, SQL, Java, JavaScript, C#
 - **Web:** React, Angular, Node.js, ASP.NET Core, RESTful APIs
 - **Data & Cloud:** PostgreSQL, MongoDB, Firebase, AWS (Lambda, S3, EC2), Docker, Kubernetes
 - **Big Data & ML:** Apache Kafka, Hadoop, Spark, Pandas, TensorFlow, Scikit-Learn
 - **Tools:** Jenkins, Git, CI/CD, Jira, Tebra, Agile (Scrum)
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Experience

Data Integration Specialist

SoCal Health INC, Redlands, CA

April 2025 – Present

- Automated monthly billing reports by integrating Tebra with Google Sheets using APIs, improving accuracy in gross income, insurance payments, and patient contributions.
- Utilized SQL, Excel, and Zapier to streamline data workflows, automate recurring tasks, and enhance operational efficiency.
- Developed real-time dashboards and reports to support financial and billing teams in performance tracking and decision-making.
- Ensured HIPAA-complaint handling of sensitive financial information and reduced monthly reporting time by 30% and continuously improving workflows with automation.

Software Developer

Astute Solutions LLC, Sacramento, CA

October 2024 – April 2025

- Developed scalable web applications using ASP.NET MVC, C#, and React.
- Enhanced system performance, reducing frontend load time by 45% with React optimizations.
- Automated CI/CD pipelines with Docker, Kubernetes, and Jenkins, reducing deployment time by 45%.
- Managed Agile sprints and performed user acceptance testing.

Software Engineer

Kelly's LLC, San Bernardino, CA

September 2022 – March 2024

- Managed and processed large datasets in Excel and Google Sheets, ensuring data accuracy and consistency.
- Developed and optimized ETL pipelines for structured and unstructured data using Python (Pandas, NumPy), SQL, and Apache Kafka.
- Automated reporting and data analysis using Excel, Power BI, and Google Sheets, reducing manual effort by 50%.
- Conducted data validation and quality assurance, ensuring 99% accuracy in reporting.

Associate Software Engineer

Carelon Global Solutions, Bangalore, India

August 2021 – July 2022

- Migrated data from Siebel to Salesforce, achieving a 30% reduction in data errors and ensuring seamless data transition.
- Developed ETL pipelines using SQL and Informatica PowerCenter, improving performance by 25%.
- Designed and validated complex ETL mappings, workflows, and data transformations, reducing data inconsistencies by 40% and ensuring accurate database updates.
- Conducted Salesforce data migration validation, ensuring 100% accuracy.

Academic Experience

Teaching Assistant

California State University, San Bernardino

January 2023 – May 2024

- Facilitated discussions and supported instructors in teaching core CS concepts.
- Designed interactive learning modules and tracked student performance.

Education

Master of Science in Computer Science

California State University, San Bernardino

August 2022 – May 2024

Bachelor of Technology in Electronics and Communication Engineering

Rajeev Gandhi University, India

August 2017 – July 2021

Projects

AI-Driven Task Management App

- Developed a task management app using React, Node.js, and PostgreSQL with gamified user engagement.
- Integrated AI-based prioritization via NLP, increasing productivity by 35%.

Streaming Data Pipeline with Apache Kafka

- Developed a real-time Kafka-based streaming data pipeline for processing large-scale events.
- Used Spark and Python for real-time analytics, improving data processing efficiency.