Shaikshavali Shaik
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Experience Summary

Experienced Software Engineer in delivering impactful solutions across healthcare, e-commerce, and enterprise platforms. Proficient in building and integrating APIs, automating workflows, and developing scalable web applications. Strong expertise in Python, SQL, .NET, and JavaScript frameworks. Adept at collaborating with cross-functional teams to translate business needs into technical solutions.

Technical Skills

- **Languages:** Java, Python, JavaScript, C#, SQL, HTML, CSS
- **Web Development:** React, ASP.NET Core, Node.js, RESTful APIs
- **Database:** PostgreSQL, MongoDB, Firebase, MySQL
- **Cloud & DevOps:** AWS (Lambda, S3, EC2), Docker, Kubernetes, Jenkins, Git, CI/CD
- **Tools & Methodologies:** Jira, Agile (Scrum), ETL, SDLC, Informatica PowerCenter, Apache Kafka
- **Reporting & Automation:** Google Sheets API, pandas, gspread, Real-time Dashboards, Financial Reporting Automation, HIPAA-complaint Data Handling

Technical Experience

Software Engineer | SoCal Health INC | CA — April 2025 – Present

- Designed and implemented an API integration between Tebra (billing platform) and Google Sheets, automating monthly billing workflows and eliminating manual data entry.
- Developed Python scripts in Visual Studio to integrate APIs, used pandas, and gspread to extract billing data.
- Successfully integrated two application APIs to enable data exchange and automated reporting across systems.
- Built Python scripts that optimized reporting cycles, reduced manual work by ~60% and improved operational efficiency.
- Worked with team members to ensure data integrity and consistency, maintaining and enhancing data pipelines and integrations.
- Collaborated with management to gather business requirements, understand reporting needs, and deliver technical solutions.
- Currently improving financial reporting workflows using Python and SQL with accurate, timely and HIPAA-complaint data handling with real-time dashboards.

Software Developer | Astute Solutions LLC | CA — October 2024 – March 2025

- Collaborated with business stakeholders to define user stories and actively participated in planning, grooming, and retrospectives using Jira to manage tasks.
- Provided technical and hands-on support throughout the development lifecycle, including design, implementation, testing, and deployment.
- Worked with senior developers to maintain and enhance internal business web applications using ASP.NET MVC, C#, and .NET Core.
- Responsible for ensuring software quality by writing and executing unit, system, and regression tests.
- Involved in the build and release process, deploying code through environments like System Test, UAT, and Production.
- Worked closely with the QA team during testing phases, clarifying issues and coordinating with client teams during UAT to get their final approval.
- Analyzed and resolved defects, collaborated with QA throughout the SDLC to ensure timely releases.

Software Engineer | Kelly's INC | CA — September 2022 – May 2024

- Maintained critical features of a high-traffic e-commerce platform, including advanced product search, secure user profiles, and payment gateways.
- Worked on features using Java, JavaScript, PHP, React, Node.js, and ASP.NET Core, such as dynamic filters and personalized recommendations to improve user experience.
- Implemented efficient MySQL database solutions, optimizing data retrieval for core e-commerce functionalities.
- Integrated AI by developing an NLP chatbot with OpenAI's GPT API, improving customer support and engagement.
- Integrated AI models using Python with TensorFlow, PyTorch, scikit-learn, deployed via RESTful APIs into production systems.
- Managed end-to-end development lifecycle (SDLC) for new features, from requirements gathering to deployment.
- Debugged and resolved complex application issues, collaborating with senior developers and QA teams in Agile sprints.

Associate Software Engineer | Carelon Global Solutions | India — August 2021 – July 2022

- Responsible for migrating data from Siebel to Salesforce, by reducing data errors and ensuring a seamless transition.
- Developed and optimized SQL queries using Toad Developer to enhance ETL processes, increasing data processing speed and accuracy.
- Optimized data pipelines, improving data flow efficiency, reducing latency, and enhancing overall data accuracy.
- Implemented Informatica PowerCenter, applying advanced ETL transformations and workflow optimizations to improve system performance.
- Designed and validated complex ETL mappings, workflows, and data transformations, reducing data inconsistencies by 70% and ensuring accurate database updates.
- Conducted end-to-end testing of Salesforce data migration, achieving 100% data accuracy and ensuring seamless business continuity.

Junior Software Engineer | I2E Consulting | India — January 2021 – July 2021

- Assisted in developing and deploying web applications using Java, contributing to codebase and ensuring successful deployment to production.
- Debugged and resolved critical application issues, collaborating with senior developers to improve system stability and performance.
- Participated in Agile development methodologies, including daily stand-ups and sprint reviews, to drive team collaboration and iterative development.

Academic Experience

Teaching Assistant | California State University | SB, CA — January 2023 – May 2024

- Assisted in teaching core Computer Science subjects including Web Development and Software Engineering Principles.

- Guided students on programming assignments and debugging sessions. Provided feedback on code quality and design patterns.

Education

California State University | San Bernardino | CA	**August 2022 – May 2024**

M.S. Computer Science

Rajeev Gandhi University | India	**August 2017 – July 2021**

B.Tech. Electronics and Communication Engineering

Projects

AI Pathfinding Algorithm: Implemented live traffic data to compute optimal travel paths using AI and demonstrated problem-solving using AI techniques.

Pet Bingo Game Application: Designed and developed an interactive game for children using Unity 3D and C#. Published on Amazon Play Store.

Streaming Data Pipeline with Apache Kafka: Built a real-time data pipeline with Apache Kafka by reducing data processing time by 40%, ensuring efficient streaming of large datasets.

Research Project: Low-Power SRAM Cells: Analyzed SRAM cells using NM technology and proposed optimizations for low-power design in modern processors.