Shivani Suryawanshi

📍 Tampa, Florida | 📞 +1(813)-834-7481 | ✉ shivanisureshs.21@gmail.com | in Linkedin

EDUCATION

University of South Florida Tampa, FL, USA
MS in Business Analytics and Information Systems *Aug 2023 - May 2025*

Pune University Pune, MH, IN
BS in Information Technology *Aug 2017 - Apr 2021*

WORK EXPERIENCE

Software Development Intern May 2024 - Jul 2024
Builders Mutual Insurance Company *Raleigh, NC, USA*

- Optimized query performance by 40%, reducing insurance data processing time and improving production response times from 2,000 ms to 800 ms in SSMS using JOINS, sub-queries, and indexes.
- Spearheaded development and testing of 20+ RESTful APIs in C# and ASP.NET, automating validation with Postman and resolving 100+ issues to accelerate delivery and boost reliability.
- Implemented robust server-side validation and enforced database constraints to ensure data integrity and security across insurance workflows.

Associate Software Engineer Aug 2021 - Jun 2023
Hexaware Technologies Limited *Chennai, TN, IN*

- Engineered 40+ responsive web interfaces using Angular, HTML, CSS, and JavaScript for the Payroll system, leveraging Git for version control and boosting processing efficiency by 30%.
- Architected REST APIs using Node.js, Express.js, and SQL Server, implementing JWT for secure authentication, leveraging Postman for automated testing, and Git for version control, improving data retrieval speed by 50% within Agile sprints.
- Migrated banking databases from legacy systems to Amazon RDS, leveraging AWS DMS, Glue, Lambda, and S3, resulting in a 35% cost reduction and enhanced scalability for financial data management.
- Built a Jenkins-based CI/CD pipeline with Git and Docker to automate project build and deployment, scaling to handle deployments across 5+ environments and reducing deployment errors by 40%, with full rollback support.
- Managed a team of 4 engineers in creating key UI components for a payment portal, offering tailored training and enhancing written and verbal communication skills, leading to the successful completion of 10+ critical features.

Software Engineer Intern Jan 2021 - Jul 2021
Hexaware Technologies Limited *Chennai, TN, IN*

- Streamlined responsive UI using React and Tailwind CSS, optimizing 15+ components as per WCAG and design principles to boost accessibility and cut load times by 30%.
- Devised high-coverage unit tests with Jest, reaching 90% code coverage and reinforcing UI component reliability before production rollout.
- Adopted Agile methodologies, including Scrum, and actively participated in sprint planning, daily stand-ups, and retrospectives, driving a 20% improvement in team efficiency and timely feature delivery.

SKILLS

Languages: Python, C, C++, C#, HTML, JavaScript, CSS, TypeScript, GraphQL, Shell Scripting
Frameworks: Angular, React, Bootstrap, ASP.NET, Node.js, Next.js, Tailwind CSS, DevExpress
Databases: Microsoft SQL Server (MS SQL), PostgreSQL, MongoDB, Oracle, DynamoDB
Tools: GitHub, VS Code, DBeaver, Microsoft Office Suite, Excel, JIRA, Webpack, Kafka Selenium, Jasmine, Linux/Unix
Cloud Services: AWS (S3, EC2, IAM, Lambda), Azure, Docker
Core CS Concepts: DSA, OOP, SDLC, Problem-Solving, Web Development, DBMS

ACADEMIC PROJECTS

USF SURVEY BULL (HTML | CSS | JavaScript | C# | D3.js) Mar 2024 - Apr 2024

- Developed a responsive survey tool for university students, featuring real-time updates and data validation, enabling 500+ surveys, reducing submission failures by 50%, boosting completion rates by 25%, and earning 100+ positive feedback responses.

RENTAL CAR APP (React | Tailwind CSS | GraphQL | HyGraph | Typescript) Sep 2024 - Nov 2024

- Designed a full-stack car rental platform, optimizing front-end UI for seamless navigation and enhancing back-end API performance, reducing response times by 3 seconds and improving booking speed by 40%, resulting in a significant increase in user engagement.