

SHIV SHAH

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PROFESSIONAL EXPERIENCE

Software Engineer Intern, Vantro, Washington, DC

2024 – Present

- Collaborated with a team on the Prompt Manager project, overseeing full-cycle development with MERN stack.
- Implemented the Run feature, facilitating efficient API interactions with various LLM models to process input prompts, overhauled data processing speeds by 150%, boosting performance of company's core software.
- Revamped application stack by Dockerizing front-end, back-end, and MongoDB containers, simplifying deployment and ensuring consistent environments across software and eliminated environment-related issues.

Software Engineer, F13 Technologies, Delhi, IND

2022 – 2022

- Consolidated Python and Django REST Framework models and converters for developing cloud-based applications.
- Developed and accomplished a user interface using HTML, CSS, and JavaScript, leveraging Pandas for data table visualization; reduced data analysis time by 40% and restructured data visualization accuracy for team.
- Engineered robust database functionalities utilizing MySQL Workbench for data management. Orchestrated application hosting on AWS, seamlessly integrating S3, Lambda, and Load Balancers for optimal performance.
- Deployed application on AWS cloud using python's http server and AWS EC2 and Code Deploy services.

Software Engineer, Advanced Business and Healthcare Solution, Surat, IND

2021 – 2021

- Provided digitalized solutions for product support, resulting in a time savings of 20+ hours per week.
- Refined a cloud-based ERP with upgrades and bug fixes, covering financial tools, CRM, and payroll management. Managed 'OpenPeople' an automated payroll system, expanding Progress 4GL for legacy system efficiency.
- Streamlined university management by developing an MVC, C#, and SQL Server interface, 56% increase in data administration efficiency

Software Engineer, Krina InfoTech Solutions, Vadodara, IND

2020 – 2021

- Spearheaded a web application overhaul using Figma, React, and Node.js, improving user experience and streamlining data processes. Achieved a 33% reduction in order processing time and boosted customer satisfaction by 25%.
- Established a sophisticated data storage architecture, synthesizing SQLite with AWS RDS through Docker for increased scalability. Connected models to URLs, boosting public access and leveraging on AWS services.
- Initiated automated testing using Selenium WebDriver, resulting in a 50% reduction in manual testing time and ensuring a seamless user experience across all platforms.

PROJECTS

Insight Hub

- Developed a responsive web application through HTML, CSS, JavaScript, and Express.js, with features for generating summaries and MCQs from video URLs, enhanced by user-customizable formats.
- Leveraged AWS RDS for database management and AWS Amplify for hosting, applying OpenAI API and G-Data-V3 tool for content generation; employed Postman and Selenium for API testing and application validation.
- Configured Express Router to improve user experience and security through effective cookie and flash storage management

Harmony

- Accomplished a responsive healthcare website utilizing HTML, CSS, JavaScript, and Handlebars for front-end, Node.js for back-end, and MongoDB for database. Conducted Selenium WebDriver for front-end testing and Jest for back-end testing.
- Conducted alpha and performance testing to enhance overall quality of project and Postman for API Testing. Deployed website on Elastic Beanstalk with S3 bucket integration, ensuring continuous deployment from GitHub.

EDUCATION

Stevens Institute of Technology, Hoboken, NJ

2022 - 2024

Master of Science in Computer Science – Specialization in Software engineering

TECHNICAL SKILLS

Programming Languages: Python, Swift, JavaScript, HTML, CSS, Java, PHP, C#, SQL, C, Go

Familiar Frameworks: React, IBM, FastAPI, Django, Node.js, Figma, Vue.js, Unity, Angular.js, Flask, NET MVC, Express

Tools: Figma, Xcode, Selenium, MongoDB, Docker, Git, AWS, Kubernetes, JMeter, Postman, Sonar Cloud

Certificates: [AWS Developer – Associate](#), [AWS Cloud Practitioner](#), [Amazon SageMaker](#), [AWS Data Engineer – Associate](#)