Saiganesh Angadi

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SUMMARY

Dedicated Software Development Engineer with Specialization in DevOps CI/CD and .NET Core development. Skilled in creating cross-platform tools to boost developer productivity and optimizing deployment processes for enhanced system stability. Proven problem-solver with a collaborative approach to UI/UX teams. Eager to leverage expertise in a DevOps Engineer role.

EXPERIENCE

Contract software engineer

Self employed   **September 2023 -August 2024，Remote**

- Designed and developed high-performance cross-platform applications for a wide range of clients, ensuring optimal responsiveness and user experience.
- Collaborated closely with clients to gather detailed requirements and translate business needs into effective technical solutions that enhanced project outcomes.
- Developed and integrated RESTful APIs to expand application functionality and improve overall system interoperability.
- Leveraged Git for efficient project management and collaboration, ensuring seamless version control and code integrity throughout the development lifecycle.
- Conducted thorough code reviews, offering constructive feedback to peers to foster a culture of continuous improvement and high-quality code standards.

Software development engineer I

Synchronoss Technologies. Inc   **January 2023 - August 2023，Bangalore**

- Supported and enhanced multi-platform applications (desktop, Android, iOS) using .NET and MVVM architecture, improving maintainability and user experience for a diverse client base of 13-14.
- Developed and implemented a cross-platform tool leveraging dependency injection, reducing project switching time by 30% and significantly boosting developer productivity.
- Performed rigorous bug fixes and feature updates in .NET applications, enhancing system stability and performance.
- Collaborated closely with UI/UX teams to integrate new design assets, employing XAML, Localization and data binding within the MVVM framework to refine application interfaces.
- Optimized Cake build scripts for automated binary deployments into private containers, improving release process efficiency.
- Resolved 4-5 critical issues (epic tickets), numerous bug fixes and feature during periods of reduced team availability, ensuring continued progress and adherence to project timelines.
- **Internship experiences:**
- Worked as AI Engineering intern at **Radical X** from September 2023 - February 2024
- Worked as Machine learning intern in **ISOFT Technologies** from August 2022- January 2023

PROJECTS

OauthV4

Portfolio • github.com/Gani-23/Oauth4.0 • August 2024 -August 2024

- Developed an OAuth application for efficient user management and access restriction, optimizing infrastructure resources and eliminating the need for VPNs.
- Implemented a weekly database snapshot feature using crontab and Nginx as a reverse proxy, ensuring data integrity and backup.
- Planning to integrate facial verification for seamless user sign-in, with fallback options for email/password login and password reset functionality.
- Utilized MongoDB for data storage, enhancing user access control and streamlining administrative tasks.

Travel Management

Porfolio • July 2024 -August 2024

- Successfully implemented a full-stack application using MongoDB, Express, React, and Node.js, enhancing deployment efficiency through containerization.
- Created Docker files for Node.js and React, and utilized Docker Compose to manage multi-container applications, ensuring smooth integration and scalability.
- Leveraged Docker to create isolated environments for each application component, facilitating easier testing and deployment processes.
- Utilized Git for version control, ensuring collaborative development and code management across team members.

Ignit.io

Portfolio • github.com/Gani-23/Ignit.io • February 2024 - March 2024

- Successful implementation of OAuth authentication mechanisms to securely manage user accounts and permissions, ensuring the protection of sensitive data and maintaining appropriate access controls.
- Design and development of a user-friendly and intuitive interface that enables teams to easily create and share feedback in the form of "sticky notes." This feature promotes seamless interaction and engagement among team members, fostering a collaborative environment.
- Utilization of Next.js features such as server-side rendering (SSR) and static site generation (SSG) to optimize the performance of the application. These techniques enhance the overall user experience by improving page load times and reducing server load.

SKILLS

Engineering practices: CI/CD, Automated Deployment, Monitoring and alerting, Logging, Troubleshooting, Agile Methodologies, Unit Testing, Debugging, Web Development, .NET Development, Software Design, Backup and Recovery Procedure, Cloud Support Services, Security Implementation.

Technical skills**:** AWS, Docker, Kubernetes, AWS Lambda, Nginx, .NET Core MVVM, C#, Entity Framework, LINQ, OAuth2, N-Unit, ReSharper, JSON, XAML, Python, Bash Scripting, Flask, Django, React.js, Next.js, HTML, CSS, JavaScript, Tailwind CSS, Avalonia UI, Reactive UI.

Version control : Github CI, Cake build(CMAKE)

Database: Mysql

COURSEWORK

DevOps and Cloud Engineering
Hero vired • 2024

- AWS EC2, Kubernetes, Docker, Jenkins, GitHub Actions, AWS CloudFormation, AWS CloudWatch, Python, boto3, AWS ECS, AWS ECR, AWS Fargate, AWS Lambda Functions, Load Balancers, Autoscaling Groups, Flask, Django, Nginx, AWS CLI, Groovy, SSH Agents, AWS EBS, Subnetting, Linux, LightSail

EDUCATION

DevOps and Cloud Engineering
Hero vired • Delhi • 2024

Bachelor of engineering, CS
Rao bahadur y mahabaleshwarappa engineering college • Bellary • 2022 • 6.98