Sai Bhanuj Tatineni

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EDUCATION

Master of Science in Computer Science August 2021 - May 2023
Arizona State University, Tempe, AZ **CGPA: 3.7/4.0**
Bachelor of Technology in Electronics and Computer Engineering
SASTRA Deemed University, India

TECHNICAL SKILLS

- **Programming Languages**: C#, JavaScript, SQL, Java, C/C++, Python
- **Technical Skills:** DSA, SOLID principles, design, Microservices, OOPS, REST, DBMS, Agile, SDLC concepts, Testing
- **Web Development:** HTML, CSS, Tailwind CSS, Bootstrap, Angular JS, Node JS, ReactJS, jQuery, .NET
- **Databases:** Microsoft SQL Server, Oracle, SQL, GraphQL, MongoDB, DynamoDB, Apache Cassandra
- **Tools and Frameworks:** .NET, ASP.NET, .NET MVC, WebForms, WebAPIs, .NET Core, Spring, Spring Boot, Kafka, Jira, Nuget, Postman, Maven, Git, GitHub, Scrum, Visual Studio, VS Code, IntelliJ, XUnit, NUnit, cloud like Amazon Web Services (aws, EC2, AppSync, S3, DynamoDB, CloudWatch), Azure, Azure Devops, Jenkins, Kubernetes, selenium

PROFESSIONAL EXPERIENCE

Citizens Bank, Phoenix, Arizona: Software Engineer June 2023 – December 2023
Technologies: .NET 7.0, ASP.NET, C#, HTML, CSS, JavaScript, ReactJS, Postman, GIT, Microservices, Kafka, Nuget, REST services, Jenkins, API, AWS, SOLID Principles, XUnit, NUnit, Unit Testing, and Deployment.

- Developed .NET Core microservices, reducing development time by 20% and enhancing security with JWT authentication.
- Key contributor to the Fraud Detection team, integrating ASP.NET with OrboGraph for processing over 10,000 cheque images monthly, utilizing SQL Server and RabbitMQ for data storage and messaging.
- Improved image processing efficiency by 30% using Kafka for optimized data streaming in the .NET ecosystem over previous manual API processing.
- Increased data processing throughput by 40% with ASP.NET Core and Entity Framework batch operations for database integration.
- Created a C# rules engine to detect fraudulent cheque deposits, leveraging SOLID principles for robust system validation.
- Revamped user interfaces with HTML5, CSS3, and React, improving responsiveness and cross-browser compatibility, leading to better user engagement, improving reliability.
- Enhanced front-end performance and aesthetics using JavaScript, React, ES6+, and CSS3, interfacing with .NET Core APIs.

Amazon.com, Seattle, Washington: Software Developer Engineer June 2022 – May 2023
Technologies: Alexa Skill Development Programming, Node.js, Python, REST services, DynamoDB, CDK and LPT pipelines, AWS, GraphQL, Unit, and Integration testing, CI/CD pipelines, SDLC development cycles, Deployment tools.

- Worked with the Alexa i18n team in a project, reducing project complexity by 50% and decreasing code refactoring needs by 30%.
- Led end-to-end project execution, from requirement gathering to project deployment, utilizing complete design documentation with architecture, flow, and sequence diagrams, resulting in accelerated development processes.
- Revamped Language Settings feature with NodeJS, boosting user satisfaction by 75% and enhancing SQL Server data interactions.
- This skill helped in connecting customers with Alexa Language DB where it assisted in switching locale by voice by using cookies.
- Added an additional feature for maintaining a second language as an extra milestone emphasizing customer satisfaction.
- Hosted Skill Lambda through CDK pipeline, reducing deployment time by 40% and enabling independent skill coding, saving 15 hours per week. This implementation led to Continuous Integration of code for any changes, with containerization.
- Coded automated tests including unit and integration tests with 95% coverage, ensuring comprehensive functionality testing. Maintained a canary for invocating skill every 15 minutes to check for outages or any standing issues.

Cognizant Technology Solutions, India: Programmer Technology Analyst January 2020 – August 2021
Technologies: HTML5, CSS3, Tailwind CSS, JavaScript, Node JS, ReactJS, Angular JS, .NET, .NET Core, ASP.NET, Razor, jQuery, Microsoft SQL server, JSON, XML, RESTful Web services, APIs, Postman, Unit, and Integration Testing.

- Collaborated in an 18-member group, leveraging .NET stack and RESTful APIs for streamlined cross-team operations.
- Redesigned a record-keeping system for 1,000 employees with ASP.NET REST services, improving data management efficiency.
- Created 10+ dynamic ASP.NET MVC and React for front-end, reducing development time by 30% for internal corporate tools, with Webpack for bundling.
- Significantly reduced data entry errors by 98% with robust form validations in C# and ASP.NET, using .NET webforms.
- Utilized Entity Framework for build management and relational database maintenance of over 20 tables, aiding in a timesheet application for 10,000+ employees.
- Developed responsive Single Page Applications (SPA) with ASP.NET Core, C#, and TypeScript, cutting page load times by half.
- Boosted performance by 25% by integrating .NET Core services, managed SQL Server databases, and ensured code quality with GIT.
- Excelled in Agile and Azure DevOps for project tracking, achieving top performance in a professional development cohort of 100.

TECHNICAL CERTIFICATIONS

- **Algorithms By Tim Roughgardener – All the basics on DSA, best algorithmic practices.**