PRAVEEN KUMAR SUGGULA

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CAREER PROFILE

Recent Computer Science graduate from the University of North Texas with 4 years of experience in .NET, Angular, SQL and Azure, specializing in full-stack development, cloud computing and DevOps. Skilled in building secure, high-performance applications. Seeking a .NET developer role to apply expertise in Azure cloud services, microservices architecture and CI/CD pipelines.

EDUCATION

University of North Texas, TX, USA – Master of Science - Computer Science, GPA: **3.9**/4.0 - **May 2025**
JNTU Kakinada University, India – Bachelor of Technology – Electronics, GPA: 3.4/4.0 - Sept 2020

SKILLS

Programming & Scripting	:	C, **C#**, Python, HTML, CSS, JavaScript, TypeScript, jQuery, JSON, XML, YML, AJAX.
Technologies & Frameworks	:	**.NET Core 8**, .NET Framework 4.5, ASP.NET, Web APIs, EF, Dapper, **Angular 2+**, Docker, .NET MVC, React, Kubernetes, Datadog, RabbitMQ, Kafka, JWT, **Azure** and DevOps **CI/CD**.
Databases	:	**SQL Server**, MongoDB, Azure Blobs, Firebase, Cosmos DB and DynamoDB.
Cloud Services (Azure)	:	Web Apps, Functions, Active Directory, Logic Apps, API Management, Service Bus, Key Vault.
Tools & IDEs	:	Visual Studio, VS Code, Postman, TFS, Git, GitHub, Vercel, Jira, Agile, Scrum, Azure Boards.

WORK EXPERIENCE

ISN Software Corporation | *Software Developer Intern*   Jun 2024 – Aug 2024 | Texas, USA
- Optimized ISNetworld client-contractor collaboration process, identifying and resolving inefficiencies in user management, partner relations, statistical tools, To-Do Lists, job bidding and real-time notifications.
- Enhanced an identity management system leveraging SCIM protocols, **integrating HRMS with Azure Entra ID (B2B)** to automate user provisioning, **reducing manual onboarding efforts by 40%** while enhancing security and efficiency.
- Secured 500+ API credentials, secrets and tokens using Azure Key Vault, improving system security and regulatory compliance.

University of North Texas | *Teaching Assistant for Software Engineering*   Jan 2024 – May 2025 | Texas, USA
- Mentored **340+ students** in web development, facilitated hands-on coding sessions, conducted code reviews and resolved 95% of their issues during scrum and sprint review meetings. Reviewed **100+ project** submissions for adherence to best practices.
- Led workshops on [GitHub Actions](#), SOA, Docker and **Microservices**, enhancing student engagement and improving CI/CD understanding by 45%. Demonstrated real-time containerization use cases for hands-on learning.

Pyramid SoftSol Pvt. Ltd | *Software Developer*   Mar 2021 – Jul 2023 | Hyderabad, India
- Optimized the Dial Care SaaS application by implementing the NgRx pattern in Angular, **improving performance by 25%**.
- Led the **Virtual Vet** sprint, delivering a telehealth feature for pet consultations on time with zero functional issues. Coordinated with clients and stakeholders, driving a **40% increase in customer engagement** and expanding the service line.
- Enabled the system with complex search validations, image uploads to Azure blobs and unit test cases for both UI and API.
- Integrated Azure API Management and Service Bus, boosting microservice response time by 45% and handling 2M+ events daily.
- Formulated **proof-of-concepts (POCs)** for an adaptive invoice reader utilizing Tesseract OCR, Azure AI Document Intelligence, ChatGPT 3.5 Turbo integration, along with Ag Grid integration and Smarty Streets autocomplete.

PROJECT EXPERIENCE

Student Expense Tracker | Angular 14, TypeScript, Firebase, Vercel, Highcharts, jQuery, EmailJS, PapaParse, Git.
- Designed and developed a Student Expense Tracker with real-time expense logging, budget tracking and multi-currency support by enabling students to manage finances efficiently, resulting 30% improvement in financial awareness among users.
- Implemented **data analysis with visual reports**, automated tax tracking and **email/SMS notifications**, along with import/export functionality, leading to 25% reduction in manual tracking errors and improving overall user satisfaction by 40%.

Brain-Squeezes | C#, SQL, .Net Core, Web API, EF, LINQ, Angular, OpenAI, Azure Web Apps, Functions, DevOps.
- Designed and built a comprehensive **Q&A platform** inspired by Stack Overflow, featuring **multimedia support**, live chat and scheduling, leading to a 20% increase in community engagement and content interaction.

Ransomware | Python, Flask, SMTP, HMAC256, Virtual Machines, Azure.
- Delivered **a live demonstration of a phishing email attack**, illustrating the encryption and decryption of system files triggered by a malicious email click. The session attracted over **50+ attendees** and significantly improved phishing threat awareness and response strategies across the organization by providing actionable countermeasures.

CERTIFICATIONS

- Microsoft Certified: AZ-900 fundamental certification - **Microsoft**.
- MS Azure Developer 204 and Microservice certification courses - **Udemy**.