Naga Sai Katakamsetty

Chicago, IL • +1 224 453 0139 • awebdesigner09@gmail.com • linkedin.com/in/nagasaikatakamsetty

Seasoned Software Engineer with 15 years of expertise in developing robust applications using C#, ASP.NET, React JS, SQL Server and various web technologies. Experienced in legacy systems like VB6. Skilled in implementing CI/CD pipelines using Jenkins and creating detailed reports with Crystal Reports. Currently transitioning into Machine Learning and Generative AI, having completed specialized courses from Stanford and DeepLearning.ai in Machine Learning, Deep Learning, and NLP. Equipped with hands-on experience in fine-tuning Large Language Models through AWS training. Seeking to leverage this diverse skill set to contribute to cutting-edge projects in Machine Learning and Generative AI Engineering.

WORK EXPERIENCE

Capgemini • Hyderabad, India + Chicago, USA
Lead Developer / Technical Manager • Full-time
10/2014 - Present

Mindtree • Hyderabad, India
Senior Software Engineer / SDET • Full-time
12/2012 - 10/2014

Sreeven Infocom Limited • Hyderabad, India
Software Engineer • Full-time
06/2010 - 12/2012

CERTIFICATIONS

AWS Certified AI Practitioner
AWS

AWS Certified Cloud Practitioner
AWS

Natural Language Processing Specialization
DeepLearning.ai

Deep Learning Specialization
DeepLearning.ai

Machine Learning Specialization
DeepLearning.ai

Artificial intelligence Nanodegree
Udacity

Generative AI with Large Language Models
DeepLearning.ai

Exploratory Data Analysis for Machine Learning
IBM

SKILLS

AI ML

- Amazon Lex
- AWS Bedrock
- AWS SageMaker
- Convolutional Neural Networks (CNN)
- Decision Trees
- Deep Learning
- EDA
- Fine Tuning
- Gated Recurrent Units (GRU)
- Generative AI
- Hyperparameter Tuning
- Image Recognition
- Image Segmentation
- Keyword Detection
- Large Language Models (LLM)
- Long Short-term Memory (LSTM)
- LUIS
- Machine Learning
- Natural Language Processing (NLP)
- Neural Machine Translation (NMT)
- Object Detection
- PEFT
- Python
- Recommender Systems
- Recurrent Neural Networks (RNN)

PROJECTS

Technical Lead | Discover Student Loans Origination | Capgemini

Oct 2014 - Present | Hyderabad, Ontario, Chicago

Led development of Discover Financial Services' Student Loans Origination system, streamlining loan processes from application to approval for undergraduate to bar/residency programs.

Key Achievements:
• Spearheaded support and enhancement of agent-facing desktop applications
• Developed and maintained critical services, batch processes, and ETL workflows
• Designed and optimized business reports
• Successfully migrated legacy Visual Basic applications to C#.NET

Technical Skills:
• Languages: C#, VB.NET, Visual Basic 6.0
• Web & Desktop: ASP.NET, Windows Forms, WCF Services
• Database: SQL Server, SSIS
• Reporting: Crystal Reports
• DevOps: GitHub, PowerShell, Autosys, Jenkins
• QA: HP ALM

Demonstrated expertise in leading complex, long-term financial projects, modernizing legacy systems, and implementing efficient data processing solutions across international teams.

SDET | Windows Azure Backup | Microsoft Corporation

Jan 2013 - Sep 2014 | Hyderabad, India

Contributed to Windows Azure Backup project, a cloud-based solution protecting user and server data against loss and corruption.

Key Responsibilities:
• Designed and implemented reliable automation frameworks
• Developed multi-layered test frameworks for comprehensive automation
• Executed and debugged automated tests
• Established and maintained WTT infrastructure for test execution
• Managed post-test infrastructure cleanup
• Conducted thorough bug reporting and resolution
• Collaborated with team members on various testing activities

Technical Skills:
• Programming: C#
• Testing: Windows Test Technologies (WTT)
• Development Tools: Suite P2 studio, Code flow
• Cloud Technologies: Azure Management Studio
• Specialized Tools: NEWT

- Retrieval-Augmented Generation (RAG)
- RLHF
- Speech Recognition
- Transformers

Software Development
- ADO.NET
- ASP.NET
- Azure Cognitive Services
- C#
- Crystal Reports
- Jenkins
- JQuery
- LINQ
- React.js
- SQL Server
- SQL Server Integration Services (SSIS)
- Visual Studio
- WCF
- WinForms

EDUCATION

Master of Computer Applications

Acharya Nagarjuna University
01/2006 - 12/2009

Demonstrated expertise in test automation, quality assurance processes, and cloud technologies for large-scale infrastructure projects. Showcased ability to create reliable testing frameworks and maintain high software quality standards in complex, enterprise-level applications.

Software Development Engineer | Sreeven Infocom Ltd

Jun 2010 - Nov 2012 | Hyderabad, India

Key Projects:

Sreeven Portal for Mobile (Aug-Nov 2012)

- Enhanced portal for smart device compatibility
- Tech: C#, ASP.NET, Web Services, JQuery Mobile, SQL Server

Ipay Enrollment System for Visiontek (Apr-Jul 2012)

- Developed card registration system
- Tech: C#, Windows Forms, Infragistics Controls, SQL Server Express

Citizen Services Corporation Portal for AP Government (Dec 2010-Aug 2011)

- Created G2C and B2C services platform
- Tech: C#, ASP.NET, JQuery, CSS, Google Fonts API, iTextSharp, Oracle 11g

Beneficiary Management System for AP Civil Supplies (Aug-Nov 2010)

- Developed Aadhaar-based enrollment client
- Tech: C#, Windows Forms, Infragistics Controls, Oracle 11g

Fair Price Shop Automation for AP and Rajasthan (Jun-Aug 2010)

- Created biometric enrollment software
- Tech: C#, Oracle 11g, L1 Biometric Devices SDK

Core skills:

Requirements analysis, implementation, code reviews, bug-free delivery, unit testing

Demonstrated versatility in developing diverse applications and proficiency in C#, web technologies, and databases.