

# PRANEETH PRASAD VEMULURI

**Email:** praneethlucky132@gmail.com | **Phone:** +91 7416437358 | **LinkedIn:** [LinkedIn](#)

**Address:** Hyderabad, Telangana, India, 500054

## Objective

Experienced Software Developer with over 4.2 years of experience, seeking a challenging Senior Software Engineer role to leverage my technical skills and leadership in developing innovative software solutions using .NET Core and also proficient in programming languages such as C#, C++, Angular, MVC, RESTful web services, WEB APIs, Design Patterns, SOLID Principles, Microservices, Object-Oriented Programming (OOPS), SQL, CI/CD, JavaScript, Linux and Python. Led team of developers, mentoring junior engineers, and delivering high-quality solution delivery and have exceptional skills in Data Structures, Algorithms, and domain knowledge.

---

## Overall Experience

- Expertise in Full Stack development and Backend development using technologies like .NET, .NET Core, .NET MVC, Web API, ADO.NET, Entity Framework, Web Technologies, N-Unit test, Mocking, WPF, Solid principles, and Design Patterns (Architecture).
- Exceptional knowledge of SQL and TSQL in Transactions, Isolation Levels, Query Optimizations in relational databases and creating efficient database queries in MS SQL Server.
- Experienced in building web applications, RESTful web services, class libraries, and Windows applications using Microservices, .NET Core, Angular, and other modern technologies.
- Proficient in deploying and Migrating .NET applications to Azure/AWS web servers, as well as managing windows desktop servers using IIS and Windows Server Services.
- Experience implementing CI/CD processes to ensure prompt and efficient deployment of software products.
- Ability to collaborate with cross-functional teams to deliver high-quality software solutions. Also have a good knowledge of tuning existing code, code debugging, reviewing, and supporting the code.
- Experience working in **Agile** development environments.
- Ability to design and develop scalable, maintainable, and secure software applications.
- Excellent problem-solving and analytical skills using Data Structures and Algorithms, with a history of identifying and resolving complex technical issues.

---

## Education

- Chaitanya Bharathi Institute of Technology (CBIT)  
Bachelor of Engineering – BE (2020) - GPA: **7.7**
- Narayana Junior College  
Board of Intermediate Education (2016) - **95.7%**
- Vasishta Vidyalaya School  
Secondary School Certificate (2014) - GPA: **9.3**

---

## Technical Skills

- Languages: C#, C++, Python, SQL, Angular, JavaScript, HTML, CSS, GIT Commands.
  - Frameworks: OOPS, .NET, .NET Core, ASP.NET, WPF, RESTful web services, Web API, ADO.NET, N-Unit test, Mocking, CI/CD pipelines, Linux (Scripting), Containers.
  - Web UI Development: MVC, Web Forms, SOLID principles, Design Patterns, Microservices.
  - Database Management: MS SQL Server, MySQL, T-SQL, Transactions, Isolation Levels, Query Optimizations.
  - Cloud Services: Azure Application Management, Windows Server & IIS Deployments.
  - Tools: PowerShell, Visual Studio, Unix, GIT, TFS, Bitbucket, GitHub, SSIS, SSMS, Jenkins (DevOps), IIS, JIRA.
-

## Professional Experience

### Software Engineer – Insight software (September 2023 - Present)

- Developed and launched new desktop application features, using Microsoft Office JS and Graph APIs, enhancing report processing efficiency by 20%.
- Led Scrum Master duties, ensuring on-time project delivery, exposure to Agile Methodologies which gave good exposure to technical leadership qualities and understanding product from domain.
- Led code reviews and modernization efforts, boosting code quality by 30% through .NET Core and RESTful API implementations.

### Software Engineer – FactSet (November 2022 - September 2023)

- Implemented scalable applications on Azure, managing CI/CD pipelines with 99% uptime.
- Engineered optimized web applications and RESTful services using .NET MVC and AngularJS, reducing application load times by 25%.
- Designed customer-facing UI features, increasing user satisfaction scores by 15%.

### Software Developer – Micron Technologies (July 2020 - November 2022)

- Developed real-time production monitoring bots for ETL processes, reducing production downtime by 20%.
- Integrated web notifications, improving system responsiveness through advanced REST API integrations, resulting in a 40% performance improvement in user engagement.

---

## Projects

### Automatic Vehicle Signaling System

- Designed and implemented an Automatic Vehicle Signaling System using maps to automatically control turn signals based on user input. Developed an intuitive user interface to set routes, reducing human error and improving traffic safety by 15%.

### Digital Signature

- Engineered a Python based desktop application to ensure the privacy, integrity, and non-repudiation of digital messages through SHA-256 and SHA-512 algorithms for cryptographic hashing and encryption.

---

## Certifications

- GIT by Atlassian.
- Google Cloud Fundamentals by Google.

**Link to certificates:** [Certificates.](#)

---

## Hackathons

- Smart India Hackathon by MHRD
- JP Morgan Chase & Co.
- Thoughtworks by Google

---

## Research/Thesis

### Automatic Signal Enabling System

- This research paper describes an Automatic Signal Enabling System that uses maps to automatically turn vehicle indicators on/off and published in ICCIC 2021.

---

## Languages

- English, Hindi, Telugu.

**Place:** Hyderabad

**Praneeth Prasad Vemuluri.**