

# Nithin Sunkad

## Software Developer

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Results-driven **.NET Developer** with 2.5+ years of experience designing, developing, and maintaining enterprise web applications using **.NET Core, C#, REST APIs, and modern backend technologies**. Proven ability to upgrade legacy systems, debug complex issues, and deliver reliable, scalable software solutions. Passionate about clean code, problem-solving, and continuous learning in dynamic development environments.

### WORK EXPERIENCE

**Sharp Software Development India Pvt. Ltd.** · Bengaluru ·  
05/2023 - Present

**.NET Developer (Member Technical Staff)**

- Developed and enhanced Sharp OSA SDK and Sharp OSA Simulator, key components for multifunction printer integration.
- Upgraded Sharp OSA Simulator from .NET 6 → .NET 8, improving runtime performance and compatibility.
- Designed and implemented RESTful and SOAP API integrations to enhance system interoperability.
- Collaborated with QA engineers and regularly interacted with clients to understand requirements, provide updates, and demonstrate new feature implementations.
- Wrote and maintained unit tests using XUnit for backend modules to ensure code reliability and reduce production defects.
- Contributed to the Cocoro-Office (NAS) project using Node.js, upgrading deprecated libraries (Request → Axios) and implementing Jest test coverage.
- Authored detailed technical documentation for APIs and internal integrations.
- Supported integration and testing of APIs to ensure seamless interoperability and system reliability.

### PROJECTS

#### Sharp OSA (Open System Architecture)

Built and maintained SDK for multifunction printers; upgraded simulator to .NET 8; integrated REST & SOAP APIs; implemented database optimizations; developed unit test suites.

### SKILLS

- C#
- DSA
- .Net
- Python

### Languages

- C#
- JavaScript
- Python

### Frameworks & Tools

- Jest
- .NET 8
- .NET Core
- .Net Framework
- Node.js
- PyQt5
- XUnit

### Web Technologies

- CSS3
- HTML5
- JSON
- RESTful & SOAP APIs
- XML

### Version Control

- Git
- GitHub
- GitLab

## Cocoro Office (NAS Project)

Migrated from deprecated Request library to Axios; developed new API endpoints; added Jest test coverage; improved maintainability and API response efficiency.

## Emotion-Based Music Player (Academic Project)

Built a real-time emotion recognition system to play music based on detected facial expressions with 88% accuracy.

## CERTIFICATIONS

### Problem Solving Certification • 01/2022

HackerRank

### Machine Learning with Python • 01/2022

IBM

### Data Structures & Algorithms with Python • 01/2022

Udemy

## Testing

- Debugging & Performance Profiling
- Unit Testing (XUnit, Jest)

## Other

- Postman
- Visual Studio
- VS Code

## EDUCATION

### Bachelor of Engineering (Computer Science & Engineering)

Jain Institute of Technology  
01/2018 - 01/2022

### PUC (PCMB)

Anubhava Mantapa PU College  
01/2016 - 01/2018