

# NANDINI GUPTA

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## SUMMARY

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Software Engineer with 1+ year of professional experience in **C#, .NET Core, and REST API development**, specializing in building scalable backend automation and large-scale web scraping systems. Proven ability to design, monitor, and maintain high-volume data pipelines for global clients. Hands-on experience with Angular-based frontend integration.

## EXPERIENCE

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### Software Developer

Oct 2024 – Sept 2025

*Blu Parrot Venture Pvt. Ltd., Gurugram*

- Contributed to a backend automation platform managing **over 2000 production-grade web scraper instances**.
- Designed and implemented critical system components including monitoring dashboards, data validation rules, caching layers, and multithreaded execution logic to improve system reliability and throughput.
- Built deployment and maintenance workflows for diverse global e-commerce platforms, ensuring consistent uptime and data quality.
- Collaborated directly with international stakeholders to gather requirements, plan sprints, and create technical documentation.

### Apprenticeship – Full Stack Development

Oct 2025 – Dec 2025

*ThinkBridge – ThinkSchool 2025 Cohort*

- Completed structured training in modern web development: HTML5, CSS3, JavaScript, Angular, and REST API integration.
- Debugged and resolved logical and functional defects in existing enterprise-level JavaScript codebases.

## TECHNICAL SKILLS

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- **Languages & Frameworks:** C#, .NET Core, ASP.NET MVC, Angular, JavaScript/TypeScript, Python, HTML5, CSS3, Bootstrap
- **Databases & Tools:** MySQL, SQL Server, Git, GitHub, Postman, Swagger, AWS, Azure (Fundamentals), Docker Basics, JIRA
- **Core Expertise:** REST API Design, Large-Scale Web Scraping (HtmlAgilityPack), Multithreading, Performance Optimization, Debugging, Agile/Scrum Methodology

## PROJECTS

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### Enterprise Web Scraping & Automation Platform

- Developed the core backend services for a scalable platform managing thousands of concurrent scraper instances.
- Implemented fault-tolerant features: automatic retry logic, structured logging, data validation, and performance optimizations that reduced processing time by an estimated 15%.

### Full Stack Task Management System

- Built a modular Single Page Application (SPA) using Angular with user authentication, task creation, and CRUD operations.
- Integrated with a custom .NET Core REST API, handling asynchronous data flows and state management.

### Recruitment Management System

- A full-stack web application with role-based access control for job posting, candidate application tracking, and interview scheduling.

### Recipe Manager Web App

- Developed a client-side web application for recipe management with add, edit, delete, and persistence features using browser local storage.
- [Live Demo](#)

## EDUCATION

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Master of Computer Applications (MCA)

*P.S.I.T., Kanpur*

Bachelor of Computer Applications (BCA)

*U.I.E.T., Kanpur*

## CERTIFICATIONS & LEARNING

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- Microsoft Learn: Azure Developer Associate (AZ-204) – Learning Path (In Progress)
- Microsoft Learn: Azure Fundamentals (AZ-900) – Learning Path (In Progress)
- Microsoft Learn: ASP.NET Core Web API Development