

# NANDINI GUPTA

Gurugram, Haryana

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## Profile

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Detail-oriented Software Engineer with hands-on experience in **.NET, and API Development**. Strong in **object-oriented programming, database design, and scalable backend solutions**. Transitioned from intern to full-time developer at BluParrot Venture, now driving client-focused solutions for high-scale projects like **Bright Data**. Passionate about **automation, performance optimization, and system integrations** with a strong problem-solving mindset.

## Professional Experience

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### Software Developer

Oct 2024 – Present

*Blu Parrot Venture Pvt. Ltd.*

*Gurgaon*

- Client point of contact for a high-profile project involving **2000+ large-scale web scrapers** in **C#/.NET**, powering global e-commerce data pipelines.
- Delivered **monitoring, validation, caching, and multi-threaded logic**, improving application performance by **25%** and enabling fault-tolerant automation workflows.
- Built deployment, monitoring, and maintenance workflows for scrapers, ensuring reliability across diverse e-commerce sources.
- Collaborated with international clients for **requirement gathering, technical documentation, and sprint planning**.
- Converted from **intern to full-time developer** after delivering scalable, production-grade solutions within strict deadlines.

## Projects

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### Sanchar – A Microblogging Site (C#, MySQL)

- Developed platform for users to post, share, and interact in native languages with **authentication, session management, comments, and following system**.
- Implemented image/file uploads, secure login, and relational DB design using **MySQL**.

### Health Stack System (C#, MySQL)

- Built **EHR, billing, and appointment modules** with robust .NET CRUD logic, stored procedures, and database normalization.
- Applied **exception handling and validation layers** to improve system reliability.

### Online Electricity Billing System (Python, JavaScript)

- Automated electricity billing system reducing manual intervention and errors using **Python scripts for calculation and JavaScript for UI validations**.
- Enhanced reporting by integrating **tabular data visualization and PDF export**.

## Technical Skills

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**Languages & Frameworks:** C#, Python, JavaScript, .NET, Entity Framework

**Databases:** MySQL, SQL Server

**Web & Tools:** Git, Postman, Visual Studio, HTML/CSS, JSON

**Other:** API Integration, Web Scraping (HtmlAgilityPack), Data Validation

**Soft Skills:** Problem-Solving, Client Communication, Cross-Team Collaboration

## Education

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

Aug 2021 – Sep 2023

*Master of Computer Applications*

## Certifications

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- .NET Fundamentals – Great Learning Academy
- Web Development – CodSoft
- Engineering Equity Hackathon – Virtusa