

# Aditya Kumar

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Software Developer with 4 years of experience in full-stack development, seeking a development role to contribute technical expertise and drive innovative solutions.

## SKILLS

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**Programming Languages:** C#, JavaScript, SQL, HTML5, CSS3, Python

**Frameworks & Libraries:** .NET Core, .NET Web API, ASP.NET Core, React, React-Redux, jQuery

**Tools & Platforms:** Git, Postman, MongoDB, SQL Server, Azure)

**CS Fundamentals:** OOPs, Database Management Systems, Agile Methodology

**Soft Skills:** Analytical Thinking, Critical Thinking, Problem Solving, Creativity

**Languages:** English, Hindi

## WORK EXPERIENCE

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### Software Developer

SNP Technologies Inc., Hyderabad, India

September 2023 – Present

- Resolved critical functional issues in the legacy application, significantly reducing downtime and improving system reliability.
- Revamped UI/UX by fixing styling inconsistencies, modernizing interface elements, and increasing user engagement.
- Improved performance by identifying and eliminating bottlenecks, enhancing load time and responsiveness.
- Implemented new React features such as user role management and dynamic reporting to extend functionality.
- Optimized stored procedures for faster data processing and retrieval, boosting overall efficiency.
- While learning ASP.NET Core, actively contributed to API development, bug fixing, and feature enhancements.
- Led development of next-gen application using React and latest ASP.NET Web APIs from the ground up.
- Designed and integrated RESTful APIs, improving communication between frontend and backend systems.
- Collaborated with the data team to build stored procedures based on Azure pipeline requirements.
- Architected modular, reusable codebase ensuring long-term maintainability and faster feature delivery.
- Provided documentation and training to support ongoing development and handover.

### Software Engineer

UST Product Engineering, Pune

July 2021 – September 2023

- Developed tailored content rendering logic to align platform displays with target audience preferences.
- Led design and implementation of a recommendation bundle feature that significantly improved conversions.
- Proactively resolved bugs, enhanced feature functionality, and improved security by fixing vulnerabilities.
- Built SPAs with React, implementing modern UI best practices and consuming REST APIs.
- Demonstrated expertise in UI development, contributing reusable, scalable frontend components.
- Used Node.js and Express.js to build, debug, and deploy backend APIs supporting frontend requirements.

### Intern

Centre for Development of Advanced Computing (C-DAC), Pune

October 2020 – May 2021

- Built a stock market prediction model using Deep Reinforcement Learning with technical and sentiment analysis.
- Created an end-to-end data pipeline for historical data preprocessing and model input preparation.
- Developed a web app to display real-time stock predictions with interactive dashboards.
- Documented model performance, insights, and future improvement suggestions comprehensively.
- **GitHub:** [github.com/adityaxtalk/Stock-Market-Prediction-Web-App](https://github.com/adityaxtalk/Stock-Market-Prediction-Web-App)

PROJECTS

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- **E-Commerce Web Application** — Developed a responsive e-commerce platform using Angular, Node.js, and SQL Server. Features include user authentication, product filtering, and dynamic cart functionality. [View Project](#)
- **Stock Market Prediction Web App** — Built an intelligent system using Deep Reinforcement Learning to predict stock trends, integrating technical indicators and sentiment analysis for smarter investment decisions. [View Project](#)
- **Handwritten Digit Recognition** — Designed a CNN-based model to classify handwritten digits, inspired by real-world use cases like automated cheque reading in banking systems. [View Project](#)

EDUCATION

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<b>Dr. D.Y. Patil Institute of Technology, Pune</b>	<b>Pune, Maharashtra, India</b>
<i>B.E. in Computer Science Engineering — CGPA: 9.3</i>	<i>June 2021</i>
<b>Indirapuram Public School</b>	<b>Ghaziabad, Uttar Pradesh, India</b>
<i>Intermediate (Physics, Chemistry, Mathematics) — Percentage: 88.4%</i>	<i>June 2017</i>
<b>Indirapuram Public School</b>	<b>Ghaziabad, Uttar Pradesh, India</b>
<i>High School — CGPA: 9.6</i>	<i>June 2015</i>

PUBLICATIONS

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- **Review on Stock Market Price Prediction**, International Journal for Scientific Research and Development (IJSRD), Volume 8, Issue 7, 2020 [Read Publication](#)

ACHIEVEMENTS

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- **Best Performer of the Month** at UST Product Engineering – October 2022
- **Innovative Idea of the Quarter** at UST Product Engineering – March 2023
- **Copyright Award** for designing a stock trend prediction algorithm during internship at C-DAC – May 2021
- **STAR Award** at SNP Technologies Inc. – July 2024