VARUN SHARMA

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 LinkedIn

BRIEF SUMMARY

I am passionate about software development and eager to grow my skills in this field. I am driven by a strong desire to learn and continuously improve, embracing challenges as opportunities for growth. My goal is to build a successful career in software development, contributing to impactful projects while expanding my expertise.

EDUCATION

Bharti Vidyapeeth College of Engineering, Paschim Vihar, New Delhi- 110063   *July 2021 - July 2025*
B. Tech in Electronics and Communication Engineering   CPGA:7.9

Kendriya Vidyalaya, Sector- 4, R.K. Puram, New Delhi- 110022   *2020 - 2021*
PCM   Higher Secondary Education Percentage : 71.8%

TECHNICAL SKILLS

Programming & Fundamentals:	C++, Csharp, Object Oriented Programming, Database Management, Operating Systems.
Software & Tools:	**Development:** HTML, CSS, Javascript, Angular, TypeScript, ASP.NET Core, Entity Framework Core, SQL, Git, Github.
	Soft skills: Teamwork, Creative problem solving, Strategic planning, Excellent communication skill, Problem analysis.

PROJECTS

EazyRent - Online Rental Property Management System
• Designed and implemented a full-stack property management platform using ASP.NET Core (backend) and Angular 20 (frontend), enabling seamless property, lease, maintenance, and payment workflows for owners and tenants.
• Developed secure, role-based RESTful APIs with JWT authentication, supporting CRUD operations, file uploads (property images, digital signatures), and robust error handling for real-world rental management scenarios.
• Built a responsive, user-friendly interface with Angular, Bootstrap 5, and RxJS, featuring reactive forms, real-time notifications, and modular architecture for scalable and maintainable code.

TapRide - Cab Booking System
• Designed and implemented a full-stack cab booking application using ASP.NET Core Web API with Entity Framework Core for data access and Angular for the front-end, enabling real-time cab reservations and user management. Integrated Swagger for API documentation and testing.
• Developed key features including user authentication (JWT), driver and customer modules, ride scheduling, fare calculation, and admin dashboards. Applied best practices for RESTful API design and implemented role-based access control.
• Gained hands-on experience with component-based architecture, state management in Angular, LINQ queries in EF Core, and API-first development. Strengthened skills in clean code principles, asynchronous programming, and debugging multi-tier applications.

Seamless Integration of Long-Duration BESS March 2024
• The case study on Seamless Integration of Long-Duration Battery Energy Storage Systems into the Grid Infrastructure, was presented at IIT Delhi under the mentorship of an EY-Parthenon partner.

INTERNSHIPS

Cognizant Technology Solutions   *April 2025 - July 2025*
• Developed and maintained scalable web applications using Csharp (.NET) for back-end services and Angular for dynamic, responsive front-end interfaces.
• Integrated SQL Server for robust data storage and management, writing optimized queries and implementing stored procedures for real-world business scenarios..
• Collaborated on real-life project use cases, contributing to the full software development lifecycle, including requirements gathering, development, testing, and deployment.