

# HARSHENDRA SINGH

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## Education

### Bharati Vidyapeeth's College of Engineering

*Bachelor of Technology in Computer Science*

**Aug. 2019 – July 2023**

*New Delhi*

### Blue Bells Model Sr. Sec. School

*Senior Secondary Education*

**Apr. 2018**

*Gurugram*

## Experience

### Incedo Inc.

*Software Engineer*

**Sep. 2023 – Present**

*Gurugram*

- Backend Engineer on IncedoPay, a B2B/B2C payments platform used by prestigious U.S. banks. Part of the Node.js team responsible for the backend infrastructure.
- Developed new APIs for client onboarding and payment method selection using Node.js. Refactored and optimized existing APIs, achieving a 10x performance boost and enhancing the product's robustness.
- Spearheaded ERP integration and enabling the processing of 10,000+ supplier records from QuickBooks ERP. Leveraged MySQL stored procedures for efficient data validation and seamless transfer.

### Unolo

*Software Engineer Intern*

**Jun. 2021 – Sep. 2021**

*Gurugram*

- Worked on transitioning the existing EJS pages on admin panel to React based components
- Reworked the API calls for fetching data and integrated them to the production build
- Developed a new clients page UI using Material UI Datagrid for React, Apollo GraphQL and Google Markerclusterer

### StrideAhead

*Design Intern*

**Jun. 2020 – Aug. 2020**

*Gurugram*

- Implemented design ideas through wireframing tools such as Figma and Illustrator
- Designed high-impact, user-centered pages which conveyed the company's brand and functionality.

## Projects

### Chatar-Patar | *Javascript, React, Node.js, SocketIO, ChakraUI, MongoDB*

- Developed a full-stack real-time chat application using the MERN (MongoDB, Express.js, React, Node.js) stack, enabling seamless communication among registered users.
- Implemented advanced features including WebSocket-based instant messaging, secure user authentication with JWT tokens, and dynamic updates, showcasing proficiency in modern web technologies.
- Designed and built the application following MVC architectural principles, ensuring scalable and maintainable code structure.
- Successfully deployed the application as a web service on Render, demonstrating skills in cloud deployment and application lifecycle management.

### Investo | *.NET Core, React.js, MSSQL, SwaggerAPI*

- Developed a comprehensive .NET Core Web API backend implementing secure user authentication, SSO login, and JWT token-based authorization.
- Designed and implemented RESTful APIs for user and admin CRUD operations, adhering to SOLID principles and utilizing Entity Framework for efficient data management.
- Created an intuitive user dashboard featuring interactive charts and graphs, showcasing data visualization skills and attention to user experience.

### TaskIt | *React, GoLang, MongoDB, Postman*

- Developed a full-stack todo list application using React for the frontend and Go (Golang) for the backend, demonstrating proficiency in both frontend and backend technologies.
- Implemented a RESTful API using Go's Gorilla Mux router, handling CRUD operations for tasks and integrating with MongoDB for persistent data storage.
- Incorporated advanced features such as user-specific task lists, status updates, and error handling, showcasing attention to user experience and application robustness.

## Technical Skills

**Languages:** C++, C#, Java, HTML, CSS, JavaScript

**Technologies/Frameworks:** React.js, Node.js, Docker, .NET Core, Git, Version Control

**Database:** MSSQL, MongoDB

**Other Skills:** System Design, Problem Solving, Strong Communication skills, Time Management, Leadership Skills

## Achievements

Achieved the 3rd position in an online 24 hour coding contest organised by IEEE NCU Student Branch's SIG - CODEARTS

Won the gold medal in NCSQCC Case Study Competition

Solved over 350+ DSA questions on platforms such as GFG, Leetcode, CodeChef, CodeStudio

Cracked Microsoft Learn Student Ambassador