SOUMYA SRIVASTAV

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Education

Vivekananda Institute of Professional Studies　　　　　　　　　　　　　　　**2022 − 2026**
B.Tech in Computer Science and Engineering; CGPA: 8.57　　　　　　　　　*Pitampura, New Delhi*

Bal Bharati Public School, Sector-12 Dwarka
Class XII - 90%　　　　　　　　　　　　　　　　　　　　　　　　　　　*New Delhi*
Class X - 93%

Internship

Thales　　　　　　　　　　　　　　　　　　　　　　　　　　**Jun 2025 − Aug 2025**
Intern (Engg. dept.)

- Developed and deployed an industrial-grade task manager application using Spring Boot and Next.js, applying best practices in API design, modular architecture, and secure user authentication.
- Containerized microservices with Docker and orchestrated deployments using Kubernetes, achieving seamless scalability and automated management in a production environment.
- Led end-to-end DevOps integration, optimizing CI/CD pipelines for rapid deployment and implementing robust monitoring and logging solutions for enhanced application reliability.

Numrovani　　　　　　　　　　　　　　　　　　　　　　　　**Jul 2024 − Aug 2024**
Web Developer Intern

- Built and deployed a MERN-stack numerology app with 95 percentage uptime, handling 1,000+ user inputs monthly.
- Integrated third-party APIs for real-time astrological data retrieval, ensuring accurate and responsive user interfaces.
- Collaborated with cross-functional teams to optimize UI/UX design and performed rigorous testing for high-performance applications.

Projects

HabitVest | TypeScript, Node.js, Express, MongoDB

- Developed a full-stack, gamified habit tracking app with Node.js, Express, MongoDB, Next.js, and Tailwind CSS, enabling users to create, manage, and analyze tasks and rewards.
- Implemented a robust point-based system for task completion and reward redemption, featuring real-time updates, analytics dashboards, and secure JWT authentication.
- Designed modular RESTful APIs and interactive UIs to support advanced features like task prioritization, reward types, and data-driven user statistics.

Notes-App | Node.js, Express, MongoDB, EJS

- Designed and implemented an advanced note summarization system, delivering automated, context-aware overviews for users' stored content.
- Developed export functionality for easy downloading of notes in multiple formats, enhancing offline access and sharing.
- Selected as a project for Open Source Social Summer of Code 2025 and led as Project Admin, overseeing development, mentorship, and community collaboration.

CloackIt | Java, JavaFX, MySQL

- Developed a user-friendly desktop application to securely hide and manage sensitive files, enhancing user privacy and data security.
- Designed core features for file selection, concealment, and recovery, improving usability for non-technical users.
- Ensured reliable access control and robust handling of hidden files, minimizing risk of unauthorized access.

Technical Skills

Languages: Python, Java, C++, JavaScript, Typescript
Developer Tools: VS Code, Eclipse IDE, Jupyter Notebook, IntelliJ, Maven, Postman
Technologies/Frameworks: GitHub, Git, Node.js, Express.js, ReactJs, Docker, Kubernetes
Databases: MySQL, PostgreSQL, MongoDB, Supabase