Sherin Varghese

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Software Engineer

PROFESSIONAL SUMMARY

Software Engineer with a completed Master's degree in Computer Science and hands-on experience in backend development, cloud environments, and full-stack applications. I've independently handled backend projects using Node.js, designed REST APIs, worked with SQL/NoSQL databases, and deployed services using Docker and CI/CD pipelines. My career began in a startup in India, and I've thrived in fast-paced, collaborative environments ever since. I enjoy solving real problems, improving internal systems, and contributing to scalable, maintainable software.

SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, Java (academic), Python
- **Backend:** Node.js, Express.js, REST APIs
- **Fontend:** React.js, Vue.js, HTML5, CSS3
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Cloud & DevOps:** Docker, GitHub Actions, Firebase, Virtual Servers
- **Tools:** ODK, Geoserver, Google Workspace APIs
- **Concepts:** Software Architecture Basics, CI/CD, Agile/Scrum
- **Other:** Internal Tooling, Automation Scripts, Technical Support

INTERNSHIPS

ViotalWorks   Nov '21 - Mar '22

Intern   Pune, India

- Developed backend APIs and internal Node.js modules to support automation and internal workflows
- Improved deployment reliability using Docker and GitHub Actions
- Collaborated with cross-functional teams to deliver production-ready features
- Provided technical troubleshooting and supported backend performance improvements

PROFESSIONAL EXPERIENCE

ViotalWorks   Mar '22 - Aug '23

Jr.DevOps Devloper   Pune, India

- Completed hands-on training in backend development and cloud-based systems
- Independently handled the backend of an internal project using Node.js and Express
- Designed REST APIs, integrated MongoDB, and ensured secure data flow
- Worked closely with frontend developers to align API responses and improve system stability

EDUCATION

MS in Computer Science   Jul '22 - Sep '25

IU International University of Applied Sciences   Berlin, Germany

 # myStudium # Dual studies

Bachelor of Computer Applications(BCA)   Mar '20 - Jul '22

G H Raisoni Institute of Engineering and Business Management   Maharashtra, India

An autonomous Institute Affiliated to Kavayitri Bahinabai Chaudhari North Maharashtra University Jalgaon

PROJECTS

E-Commerce   Aug '25 - Present

My Own Project

- Built a full e-commerce website using a custom Node.js utility you developed called **Nex**, designed to simplify routing, API structure, and backend logic
- Implemented product listings, authentication, cart management, and order flow
- Developed REST APIs using Nex and integrated them with a React frontend
- Managed database operations with MongoDB, ensuring efficient data handling

Live Project: https://login.sherin.fun GitHub: [Red-Blue Repo](#)