

# AVINASH N

## FULL STACK DEVELOPER | MERN STACK

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### EXPERIENCE – Internship

**MERN Stack Developer Internship ( Samagra Technologies, Mangalore )** **Nov 2023 - Jan 2024**

- Built and maintained responsive, data-driven applications using MongoDB, Express.js, React, and Node.js.
- Gained hands-on experience in developing RESTful APIs and integrating front-end components.

**JAVA Full Stack Development Internship ( Kodnest, Bangalore )** **Jan 2024 – Apr 2024**

- Gained hands-on experience in developing full-stack applications using Java, Spring Boot, Hibernate.
- Contributed to building scalable and responsive web applications while enhancing debugging and problem-solving skills.

**Freelance – Next.js Web Application Chemcoach Solutions [Live](#)** **Nov 2024 – Jan 2025**

- This app showcases the services of ChemCoach Solutions, highlighting their online chemistry classes. It serves as an informative platform for promoting their offerings with a clean design and smooth user experience.
- Skills - Frontend – NextJs, Reactjs, TailwindCSS, Framer Motion | Backend - Node.js, Written in Typescript. [GitHub REPO](#)

### PROJECTS

**MERN Stack App with Real-Time Messaging [Live](#)** **Oct 2024 - Dec 2024**

- Developed a full-stack web application for real-time messaging with online user status, secured authentication, and authorization.
- Skills - Frontend: React, TailwindCSS, Daisy UI | Backend: Node.js, Express.js, Socket.io, MongoDB | State Management: Zustand | Authentication: JSON Web Tokens (JWT) [GitHub REPO](#)

**Task Management App Nextjs [Live](#)** **Dec 2024 – Jan 2025**

- The TaskManager App is a feature-rich task management tool built with modern web technologies. [GitHub Repo](#)
- Skills – Frontend: Next.js (React server-side rendering), Tailwind CSS | Backend: MongoDB | Authentication - Clerk

**Vulnerability Detection System (MCA)** **Jan 2024 - Aug 2024**

- Built a robust system to detect and mitigate SQL injection attacks and other vulnerabilities. Tracked and displayed intruder details such as browser, IP address, and geo-location, Suggested password policies.
- Skills - Backend: Flask | Database: MySQL | Frontend: HTML, JavaScript, Bootstrap [GitHub REPO](#)

### TECHNICAL SKILLS

- Frontend** - HTML5, CSS3, JavaScript (ES6), Bootstrap, React.js, Next.js, Redux, Zustand, TypeScript, TailwindCSS.
- Backend** – Java, Python, Flask, Django, Node.js, Express.js, SpringBoot | **Version Control** - Git, GitHub, GitKraken.
- Database** - MongoDB, MySQL | **API testing** – Postman API, ngrok, VS Code | **UI/UX** - Figma, Adobe Illustrator.
- Cloud & Data Visualization** - Microsoft Azure, AWS, Power BI, Firebase | **Containerization** – Docker, Kubernetes.

### EDUCATION

**Master of Computer Application – MCA ( VTU )** **Oct 2022 – Sep 2024**

Post Graduate – Srinivas Institute of Technology, Mangalore CGPA: 8.85

**Bachelor of Science – BSc ( MU )** **Feb 2017 – Jul 2019**

Graduate – Bhandarkar's Arts & Science College, Kundapura Perc: 68.24%

### CERTIFICATIONS

- Developing Websites and Front-Ends with BootStrap (IBM, Coursera) Sep 2024
- Web Application Technologies & Django (University of Michigan, Coursera) Aug 2024
- Microsoft Certified Azure Fundamentals (Microsoft) Jul 2024
- Microsoft Power Platform PL-900 (Ethnotech Academic Solutions) Jan 2024
- Cloud Computing, Computer Networks, Data Mining (IIT Kharagpur, NPTEL) Apr 2024

### PERSONAL PROFILE

**Hobbies:** Reading Blogs, Dev Community Activities, Reading Books, Astronomy, Problem Solving.

**Professional Skills :** Agile & Scrum Methodologies, Team Player, Breaking down complex tasks into smaller stories.