

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 - React, TailwindCSS, Daisy UI | Node.js, Express.js, Socket.io, MongoDB | Zustand | JWT [Github REPO](#)

Book – Store [Live](#) Jan 2025 – Feb 2025

- Book Store is a Next.js application, featuring a seamless user experience for book discovery, management, and library.
- Skills – Next.js, PostgreSQL, TypeScript, Drizzle ORM, Tailwind CSS, NextAuth. [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, Bootstrap, React.js, Next.js, Redux, TypeScript, TailwindCSS.
- Backend :** Java, Python, Flask, Django, Node.js, Express.js, SpringBoot | **Version Control :** Git, GitHub, GitKraken.
- Database:** MongoDB, MySQL, PostgreSQL | **API testing:** Postman API, VS Code | **UI/UX:** Figma, Adobe Illustrator.
- Cloud & Data Visualization:** Microsoft Azure, AWS, Power BI, Firebase | **Containerization:** Docker, Kubernetes.
- Computer Science Fundamentals:** Data Structures & Algorithms, OOPS, DBMS, Operating System.

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
- Cloud Computing, Computer Networks, Data Mining (IIT Kharagpur, NPTEL) Apr 2024

PERSONAL PROFILE

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