

# AVINASH N

## FULL STACK DEVELOPER | WEB DEVELOPER

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### EXPERIENCE – Internship

#### Software Developer Internship ( Grid R & D )

May 2025 – Present

- My responsibilities include developing web applications, implementing RESTful APIs, and managing MySQL databases.
- I work with AWS cloud infrastructure for deployment and hosting, gaining valuable experience in cloud services. Key contributions include building responsive user interfaces, optimizing database queries, and collaborating with the team to deliver scalable solutions.

#### 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.

### PROJECTS

#### MERN Stack App with Real-Time Messaging [Live](#)

Oct 2024 - Dec 2024

- 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, TypeScript, TailwindCSS.
- **Backend** : Java, Python, Flask, Node.js, Express.js, Spring | **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.
- **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.