ABHIJITH A

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EDUCATION

Sahyadri College of Engineering and Management   Karnataka, India | 2021-2025
Bachelor of Engineering in Computer Science and Engineering

SKILLS

- **Programming Languages:** JavaScript (ES6+), Python, C++, SQL, HTML/HTML5, CSS/CSS3, Bash
- **Frameworks & Libraries:** React.js, Redux, Node.js, Express.js, Tailwind CSS, Bootstrap, Material UI
- **Databases:** MongoDB (Mongoose), MySQL
- **Tools & Platforms:** Visual Studio Code, Git, Postman, Linux, macOS, Burp Suite, Wireshark
- **Concepts:** Full-Stack Web Development (MERN), RESTful API Design, MVC Architecture, State Management (Redux), Object-Oriented Programming (OOP), Data Structures & Algorithms, Responsive Design, Web Hosting & Deployment
- **Soft Skills:** Team Collaboration · Adaptability · Problem Solving · Time Management · Work Ethic

EXPERIENCE

Web Application Development & Testing Intern
TorSecure Cyber LLP | Jan 2025 – Apr 2025
- Developed a real-time System Monitoring Dashboard using React/Next.js, FastAPI, and Tailwind CSS for live CPU, memory, and disk metrics.
- Integrated APIs and implemented CORS middleware for secure frontend-backend communication.
- Conducted testing and vulnerability assessment (XSS, CSRF, data exposure) using Burp Suite to ensure reliability and security.

Developer Intern (Python & Scripting)
Centre of Excellence Digital Forensics Intelligence & Cyber Security | Oct 2023 – Nov 2023
- Built a Python-based keystroke simulation tool, improving hardware-software automation.
- Scripted automated scenarios for internal QA testing processes.

PROJECTS

Airbnb Clone – Full Stack Web Application (MVC)
- Built a server-rendered web application following the MVC architecture for managing property listings, user authentication, reviews, and interactive maps.
- Implemented secure authentication and authorization with Passport.js, session handling, and role-based access control.
- Tech: Node.js, Express.js, MongoDB (Mongoose), EJS, Passport.js, Cloudinary, Mapbox, Bootstrap 5

Weather App – Responsive Web Application (React.js)
- Developed a dynamic weather application fetching real-time data from OpenWeatherMap API, displaying temperature, humidity, wind speed, UV index, and sunrise/sunset countdowns.
- Implemented advanced UI/UX features including glassmorphism cards, dynamic animated backgrounds based on weather and time, and professional insight panels for improved readability.
- Tech : React.js, JavaScript, CSS3 , Material-UI, OpenWeatherMap API.

Gym Management System – Full Stack Desktop App
- Built a GUI-based system to manage gym memberships, attendance, and trainer scheduling.
- Backend integration using Java + MySQL, implemented real-time data processing.
- Tech: Apache NetBeans, MySQL Workbench