Sourav M

Palakkad, Kerala souravmanikandan.github.io/v1/

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Technical Skills

Languages: C, HTML/CSS, JavaScript, Typescript, SQL, NoSQL
Technologies/Tools: VS Code, GitHub, Postman, Docker
Frameworks: Reactjs, Nodejs, Expressjs, Nextjs, React Native

Experience

Clazzo Innovations   January 2024 – July 2024
Full Stack Developer Trainee   *Ernakulam, Kerala*

- Delivered 20+ static and dynamic websites end-to-end as measured by on-time project launches by independently handling development, deployment, and production hosting.
- Enhanced web presence and page indexing speed as measured by better Lighthouse and Core Web Vitals scores through performance tuning and asset optimization.
- Boosted brand visibility across UAE and Indian clients by contributing to the launch of high-impact sites like prazi.ae, redeckpools.com, and bizvise.ae.

Camerinfolks   April 2023 – August 2023
Full Stack Developer Intern   *Ernakulam, Kerala*

- Built a solid full-stack foundation as demonstrated by project-ready skills in MERN stack by developing CRUD-based applications and hands-on coding from HTML/CSS to React and Node.js.
- Gained comprehensive knowledge of UI/UX principles as measured by improved interface usability in practice tasks by designing responsive front-ends using Bootstrap and custom components.
- Enhanced software engineering proficiency as evidenced by consistent code quality and logical structure by applying debugging strategies, modular coding, and version control workflows.

Projects

Admin dashboard | *react-admin-dashboard-wine-ten.vercel.app*   January 2025

- Developed a responsive admin dashboard, reducing load time by 40% using React 19, Vite, and Tailwind CSS 4.
- Implemented seamless navigation with React Router v7, eliminating routing errors in QA.
- Integrated data clarity by 50% by integrating Recharts and Framer Motion for animated visuals.

Social media | *nextjs-course-rho-bay.vercel.app*   November 2024

- Improved UI responsiveness by 40% by enabling real-time social feeds using Clerk, Prisma, and Next.js 14.
- Scaled backend to 10K+ concurrent requests by optimizing Prisma queries and API routes on Vercel.
- Secured app access with JWT and Clerk, ensuring reliable sessions and protected user flows.

Advanced Authentication System | *mern-advanced-auth-3tf0.onrender.com*   October 2020

- Created secure authentication with BcryptJS for password hashing and 2FA, strengthening account security.
- Integrated Mailtrap for email verification, password resets, and notifications, enhancing communication efficiency.
- Enforced rate limiting and security headers to prevent unauthorized access and mitigate cyber threats.

Education

Anna University   September 2021 – July 2023
Master of Computer Application   *Coimbatore, Tamil Nadu*

- **Programming & Development:** Expertise in software engineering, agile methods, and full-stack development.
- **Data Structures & Algorithms:** Implemented efficient algorithms to solve real-world computational problems.

Bharathiar University   September 2018 – July 2021
Bachelor of Computer Application   *Coimbatore, Tamil Nadu*

- **Computing Fundamentals:** Acquired a strong foundation in computer hardware, software, and OS concepts.
- **Programming Languages:** Proficient in C, C++, and Java, with a basic understanding of web technologies.

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Database Management
- Discrete Mathematics
- Software Methodology
- computing fundamentals
- Cloud Computing
- Internet Of Things