KATKURI SNEHITH REDDY

FULL STACK DEVELOPER

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PROFESSIONAL SUMMARY

Detail-oriented and results-driven Full Stack Web Developer with 2.9 years of professional experience at Virtusa, delivering end-to-end solutions for complex business needs. Specialized in developing robust, scalable applications using React. is, Node. is, Next. is, TypeScript, and Express. is within agile, fast-paced environments. Strong expertise in both relational (Oracle) and NoSQL (MongoDB) databases, RESTful API development, and front-end/back-end integration. Skilled in building responsive UI/UX designs, optimizing application performance, and ensuring seamless user experiences. Adept at collaborating with cross-functional teams, following best coding practices, and contributing to every phase of the Software Development Lifecycle (SDLC). Passionate about continuous learning, innovative problem-solving, and building modern, efficient, and secure web applications.

TECHNICAL SKILLS

- Frontend: React.js, Next.js, JavaScript (ES6+), TypeScript, Redux, HTML5, CSS3, Bootstrap, Material UI, Tailwind CSS
- Backend: Node.js, Express.js, RESTful APIs, GraphQL, Authentication (JWT, OAuth)
- Database & Cloud: MongoDB, Oracle SQL, PL/SQL, Mongoose, AWS (EC2, S3), CI/CD, Docker
- Development & Tools: Git, GitHub, GitLab, Jira, Agile, Postman, Jest, Performance Optimization
- Soft Skills: Problem-Solving, Team Collaboration, Agile Development, Code Optimization

PROFESSIONAL EXPERIENCE

Full Stack Web Developer

Virtusa – Client: British Telecommunications (BT) *⊘*

07/2021 - 12/2023Chennai, India

- Spearheaded the end-to-end development of a secure, scalable internal web application for British Telecommunications (BT) utilizing React.js, Next.js, TypeScript, and Material UI.
- Engineered robust backend services using Node.js and Express.js, implementing **RESTful APIs** to manage data flow and user authentication (JWT. OAuth).
- Designed and maintained databases using Oracle SQL and MongoDB, ensuring high availability, optimized queries, and data integrity.
- Developed interactive dashboards, custom charts, and analytics modules to deliver **real-time business intelligence** for BT's internal stakeholders.
- Implemented server-side rendering (SSR) and code-splitting techniques to enhance application performance and SEO with Next.js.
- Conducted requirement analysis, technical documentation, and sprint planning sessions in an Agile/Scrum environment, working closely with Product Owners and Business Analysts.
- Employed CI/CD pipelines with GitLab for automated testing and seamless **deployment** across multiple environments.
- Ensured **application security best practices** by integrating robust **authentication**, authorization layers, and secure API endpoints.
- Optimized frontend performance using lazy loading, code splitting, and responsive web design principles, improving user engagement metrics.
- Collaborated with **QA teams** using **Jira** to ensure **high-quality releases** through comprehensive testing and bug fixing.

PROJECTS

Food Delivery App ∅

- Built a full-stack food ordering system using Next.js, TypeScript, Node.js, MongoDB, and Express.js.
- Integrated **Stripe and Razorpay** for seamless payment processing.
- Implemented real-time order tracking using WebSockets.

• Designed a responsive UI with Material UI and Tailwind CSS.

Portfolio Website 🔗

- Developed a personal portfolio website using Next.js and Tailwind CSS, showcasing projects and technical expertise.
- Optimized website performance, achieving a **90+ Lighthouse score**.
- Implemented dark/light mode toggle, improving user experience.
- Hosted the website on **Render**, ensuring seamless deployment and accessibility.

ACHIEVEMENTS

- **Dream Team Award** Recognized for outstanding contribution in delivering high-quality software solutions.
- Pearl Award Awarded for exceptional performance and innovation in software development.
- Improved API Performance Optimized API calls, reducing response time by 30% and improving scalability.
- Designed Scalable Dashboards Created custom dashboards with dynamic data visualization for business intelligence.

EDUCATION

Masters in Computer Information Technology

Elmhurst University ≥

Sathyabama University *⊗*

Bachelors in Mechanical Engineering

02/2024 - present chicago, United States

06/2016 - 08/2020