

Shritej Reddy B S

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Experience

Senior Associate, PwC ([pwc.com](https://www.pwc.com))

Jan'21 – Present

- **Developed full-stack enterprise applications** from requirements gathering to deployment using **Azure services (Function Apps, Service Bus, App Services)**, achieving a 20% improvement in performance by reducing operational costs..
- **Led front-end development** using **React, JavaScript, and TypeScript**, optimizing **state management (Redux)** to reduce crashes by 15% and improve user experience.
- **Designed and optimized SQL & NoSQL databases** (PostgreSQL, MongoDB), implementing **efficient SQL queries and regex-based search**, improving query performance by 25%.
- **Designed and optimized database models in PostgreSQL**, implementing **efficient SQL queries and regex-based search**, improving query performance by 25% and reducing data retrieval times.
- **Integrated REST & SOAP APIs**, ensuring secure and efficient communication between microservices, leading to a **30% improvement in feature scalability**.
- **Built middleware components** using **Node.js & Express.js**, reducing API latency and optimizing communication between services.
- **Implemented role-based authentication & security best practices**, strengthening system security and access control.
- **Optimized front-end performance** for high-traffic applications, reducing load times by 15% through efficient rendering, caching, and asset optimization.
- **Conducted thorough code reviews**, led Agile development teams, conducting code reviews and driving best practices to reduce defects by 10%.
- **Optimized front-end performance** for high-traffic applications, reducing load times by 15% through efficient rendering, caching, and asset optimization.
- **Developed Server-Driven UI applications** within a microservices architecture using Node.js and React, enabling efficient backend integration and improving feature scalability by 30%.
- **Worked with cloud platforms (Azure)** for scalable deployments, leveraging containerization (**Docker**) to enhance development workflow and environment consistency.
- **Coached and mentored team members**, fostering technical growth and collaboration, which led to a 15% improvement in overall team productivity and code quality.

Project Intern, SmartVizX ([smartvizx.com](https://www.smartvizx.com))

Jan'19 – Mar' 19

- **Managed the full lifecycle of large-scale VR/AR projects**, from requirement gathering to deployment, optimizing project workflows and reducing delivery time by 25%, ensuring timely and high-quality releases. Developed cross-platform Virtual and Augmented Reality applications for Windows, iOS, and Android using Unity 3D and C#.

Skills

Frontend: JavaScript, Typescript, React(Hooks), Next.js, HTML, CSS, Sass/LESS, JQuery, Webpack, Framer, Tailwind

Cloud: Azure(Function App, Service Bus, App registration, App Services)

Backend: Node.js, Express.js, Python, Java, C#, SQL, GraphQL, REST API, OAuth, JWT, Swagger

CI/CD: Git, Docker, GitHub Actions || **Testing Frameworks:** Jest, Mocha

Databases: PostgreSQL, MongoDB, SQL || **UI/ UX:** Responsive design, cross-browser compatibility, and accessibility

Middleware Development: Remote Procedure Calls (RPC), Publish - Subscribe Patterns

Education

Master of Science in Machine Learning and AI

Liverpool John Moore's Institute of Technology

Grade: TBD

Jan'25 – Jan'27

Bachelor of Engineering in Computer Science and Engineering

Nitte Meenakshi Institute of Technology, Bangalore, IN.

Grade: 8.5 CGPA

Aug'16 – Sep'20

Certifications and courses

- Microsoft Certified: Azure Fundamentals(AZ-900), Microsoft Certified: Power Platform Fundamentals(PL-900)
- React - The Complete Guide, Understanding Typescript, NodeJS - The complete Guide, Next.js 14 & React - The Complete Guide, The Complete Javascript Course 2024, Git & GitHub Masterclass, Docker & Kubernetes

Publications and Awards

- **Graph-Based Keyword Extraction for Twitter Data.** [Link](#)
- Received **Star Performer Award, Spot Award: Deliver Quality, Deliver Value** for the exceptional skills and consistently delivering high quality work.