

# Shritej Reddy B S

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<https://github.com/Shritej-Reddy> ||

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## Experience

### Senior Associate, PwC ([pwc.com](http://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 ([smartvizz.com](http://smartvizz.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

**Grade:** **TBD**

*Liverpool John Moore's Institute of Technology*

Jan'25 – Jan'27

### Bachelor of Engineering in Computer Science and Engineering

**Grade:** **8.5 CGPA**

*Nitte Meenakshi Institute of Technology, Bangalore, IN.*

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.