

# Hemanth Kumar Boddeda

Mern Stack Developer | Frontend Developer

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## PROFESSIONAL EXPERIENCE

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**Tata Consultancy Services Ltd. (TCS)**

**June 2023 – Present**

*Mern Stack Developer*

*Hyderabad, Telangana*

- Created numerous websites enhancing team efficiency by 20%, responsiveness by 30%, and accessibility by 25%.
- Engineered a suite of React components focused on enhancing website responsiveness, which reduced load times by 30% and improved user engagement metrics, resulting in a notable uptick in customer satisfaction scores.
- Conducted Build Verification Testing using .NET, ensuring 99% software quality.
- Managed Azure services to facilitate database access and key vault management, streamlining user access to SuccessFactors and Viva Learning.
- Collaborated with Microsoft, enhancing application robustness and stability through comprehensive testing and bug identification.
- Created and implemented innovative solutions, improving team workflows and productivity by 25%.

## TECHNICAL SKILLS

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- **Programming Languages** - Java, SQL, JavaScript, Jenkins
- **Web Development** - HTML, CSS, JavaScript, Bootstrap, React, TypeScript, Angular
- **Integration Frameworks** - GitHub, Git, GitLab
- **Backend and Server side** - Node.js, Next.js, Spring boot
- **Cloud Services** - Azure, AWS

## PROJECTS

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**Video Conferencing App – (Next.js, TypeScript, Clerk, Shadcn, Tailwind CSS)**

- **Authentication & Authorization:** Implemented secure user authentication and authorization with Clerk.

- Advanced Meeting Features: Executed comprehensive meeting functionalities, including scheduling, recording, screen sharing.
- Real-time & Secure Interactions: ensured secure, real-time communication and data integrity within the platform.
- Responsive Design: Applied responsive design principles for optimal user experience across various devices and screen sizes.

## **Video Management System for Content Creators - (TypeScript, Redis, Next.js, VdoCipher)**

Working on it

- Video Uploading & Encoding: Developed video uploading and encoding functionalities using VdoCipher, Multer and FFmpeg
- Video Sharing & Approval Workflow: Enabled editors to share edited videos within the platform, notifying YouTube owners upon video creation. Owners can review and approve videos directly within the platform.
- AI-Powered YouTube Integration: Automated video uploads to YouTube with AI-generated captions, thumbnails, and descriptions optimized for SEO.
- Video Chat & Messaging: Facilitated video chat and messaging using Socket.io and Peer.js.

## **EDUCATION**

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**Vignan's Institute of Information Technology, AP**

**June 2018 – July 2022**

*Bachelor of Technology*

## **CERTIFICATIONS**

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- Accredited as a Microsoft Azure Security Technologies ([AZ-500](#)).
- Attained the Java Full Stack Developer Training provided by Wipro.

## **AWARDS AND ACHIEVEMENTS**

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- Received commendations and *on the spot awards* considering the exceptional work carried out in shaping React frameworks.
- Recognized by the client for developing efficient websites that enhanced productivity and streamlined task completion.
- Acknowledged for an innovative proposal in the gen-ai hackathon, earning accolades from the client.