

# Hemanth Kumar Boddeda

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## EDUCATION

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**Vignan's Institute of Information Technology**  
Bachelor of Technology in Mechanical Engineering

Andhra Pradesh, India  
June 2018 – July 2022

## EXPERIENCE

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### Tata Consultancy Services

June 2023 – Present

Full Stack Developer

Hyderabad, India

- \* Engineered a suite of React components focused on enhancing website responsiveness, reducing load times by 30 percent and improved user engagement metrics
- \* Collaborated with Microsoft, enhancing application robustness and stability through comprehensive testing and bug identification.
- \* Created numerous websites enhancing website responsiveness by 30 percent and accessibility by 20 percent
- \* Managed Azure Services to facilitate database access and key vault management, streamlining user access to SuccessFactors and Viva Learning.
- \* Created and implemented innovative solutions, improving team workflows and productivity by 25 percent.

## PROJECTS

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### Resume Checker / *React, Node, Express, Gemini*

[Github](#)

- Developed a Resume Checker tool with Express.js and Gemini AI for instant resume evaluation and scoring.
- Implemented React FrontEnd for user-friendly interface, highlighting missing elements and optimization suggestions.
- Integrated AI features to enhance job resume matching, accuracy and provide actionable improvement insights.

### Video Conferencing App | *Next.js, TypeScript, Clerk, Shadcn, Tailwind CSS*

[Github](#)

- Implemented secure user authentication and authorization using Clerk, built with Next.js and TypeScript.
- Developed advanced meeting features including scheduling, recording and screen sharing, ensuring real time and secure interactions.
- Designed a responsive UI with Tailwind CSS and Shadcn, optimizing user experience across all devices and screen sizes.

### Video Management System for Content Creators | *TypeScript, Redis, Next.js, VdoCipher*

[Github](#)

- Integrated VdoCipher, Multer, and FFmpeg for seamless video uploading, encoding and approval workflows.
- Developing AI driven tools for automatic YouTube uploads with optimized captions, thumbnails and descriptions.
- Implemented video chat and messaging with Socket.io and Peer.js for streamlining communications.

## TECHNICAL SKILLS

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**Languages:** Java, SQL, JavaScript, Docker

**Web Development:** HTML, CSS, Bootstrap, React, Typescript, Angular

**Integration Frameworks:** Git, Github, Gitlab

**Backend and Server side:** Node.js, Next.js, Spring boot

**Cloud Services:** Azure, AWS