Rajasekhar Reddy Jeeru

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EDUCATION

Sagi Ramakrishnam Raju Engineering College   Bhimavaram
Bachelor of Technology in Computer Science and Engineering   *Aug. 2021 – May 2025*

Narayana College   Visakhapatnam
MPC   *Aug. 2019 – May 2021*

EXPERIENCE

AWS Cloud Computing Intern   June 2022
BlackBucks Engineers   *Hyderabad*
- Led AWS cloud team to optimize infrastructure for cost-efficiency and system reliability.
- Gained hands-on experience with EC2, S3, and RDS while supporting cloud solution deployments.
- Engineered a high-performance text-to-speech web application using Amazon Polly.

Full Stack Development Intern   May 2024
BlackBucks Engineers   *Hyderabad*
- Conceptualized and developed a full-stack application using the MERN stack for user connections and discussions.
- Engineered features like user registration, profile management, and secure authentication with JWT.
- Optimized user experience through responsive design and collaboration tools.

PROJECTS

BlogIt | *React, Node.js, MongoDB* ⬈
- Built a **high-performance blogging platform** that enables users to create, organize, and engage with content through comments and categorization.
- Crafted an interactive **user interface** for streamlined content creation, incorporating real-time input validation and **media handling** for efficient management of posts.
- Developed robust **user authentication** and **profile management** systems, allowing secure updates and personalized dashboards for managing blog content.

PollyNarrator | *S3, AWS Polly, IAM*
- Built a text-to-speech application using **AWS Polly** and **Lambda** to convert text files into MP3 audio stored in **S3**.
- Implemented **IAM roles**, event notifications, and secure permissions to automate text-to-speech conversion and ensure seamless integration with AWS services.
- Improved content accessibility by providing audio versions of articles, blogs, and text-based content for visually impaired users.

Focusite | *HTML, CSS, JavaScript* ⬈
- Developed a website that helps users achieve deep focus and reduce distractions by **80%** through focused workflows and **minimalistic design**.
- Implemented features such as a **countdown timer**, **relaxing music player**, and a **note-taking system** to help users stay organized and focused for longer periods.

TECHNICAL SKILLS

Languages:	C++,JavaScript, SQL, HTML, CSS
Frameworks & Tech:	ReactJS, NodeJS, ExpressJS, MongoDB, AWS
Developer Tools:	VS Code, Git, GitHub
Additional Skills:	RDBMS concepts, computer networks, operating systems

ACHIEVEMENTS

– Solved 300+ Problems in Leetcode.

– Participated in the national-level Smart India Hackathon 2023 and college-level Hackoverflow, contributing to notable projects.

– Obtained Full Stack Development Internship certification from IIDT in 2024.