ABHITEJA SAMUDRALA

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SUMMARY

Software Engineer with 2 years of experience in full-stack development using Angular, React.js, Java, Python and Node.js. Skilled in REST APIs, microservices, AWS cloud, Docker, Kubernetes, and CI/CD pipelines with strong problem-solving and agile development expertise.

TECHNICAL SKILLS

- **Languages:** *JavaScript, Typescript, Java, Python*
- **Frameworks:** *Node.js, Angular, React.js, Express.js*
- **Software Design & Practices:** *System Design, Microservices, REST APIs, OOP, Agile, Scrum*
- **Cloud:** *AWS (Lambda, EC2, S3, API Gateway)*
- **OS & Databases:** *MongoDB, MySQL, Redis, Linux*
- **DevOps & CI/CD:** *Docker, Kubernetes, Jenkins*
- **Testing:** *Mocha, chai*
- **Version Control:** *Git, GitLab, GitHub*

WORK EXPERIENCE

Software Engineer - Darwinbox Digital Solutions, Hyderabad   **Jul 2024 - Present**

- Designed and developed a scalable full-stack Live Streaming Application using React, Node.js, MongoDB, and AWS IVS, enabling seamless, real-time company-wide events with high reliability and user engagement.
- Enhanced Darwinbox's onboarding module, streamlining workflows and resolving recurring issues — resulting in a 20% reduction in reported bugs and issues.
- Improved system performance and stability, achieving a 45% decrease in production issues through code optimization, proactive monitoring, and efficient error handling.
- Collaborated in Agile Scrum teams, actively contributing to sprint planning, code reviews, and timely feature releases, ensuring high-quality software delivery.

Software Engineer Intern - Darwinbox Digital Solutions   **Feb 2024 - Jul 2024**

- Collaborated in building and deploying a MERN stack freelancing platform integrating real-time job listings and secure user authentication, hosted on JobStreet
- Developed a robust backend system with Express Framework implementing a twitter database to handle user authentication, store and retrieve tweets.
- Strengthened backend architecture using REST APIs, authentication flows, and scalable database design.

ACHIEVEMENTS AND CONTRIBUTIONS

- Recognized for improving system performance, scalability, and reliability through architectural optimizations.
- Achieved a 37% increase in report usage by implementing a Report Web View feature, enabling clients to access reports seamlessly without the need for manual downloads.

EDUCATION

B.Tech in Computer Science and Engineering   **Jan 2021 - May 2024**

Sree Vidyanikethan Engineering College   **CGPA: 9.1/10**

Tirupati, Andhra Pradesh