A Srinibash Achary

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PROFILE SUMMARY

A Skilled Backend Engineer with extensive freelancing experience. specialize in Spring Boot Microservices, MERN Stack, and cloud/DevOps Platforms (AWS, GCP). With a deep understanding of microservices architecture, CI/CD pipelines, and agile methodologies, Adapt quickly, troubleshoot effectively, and ensure top performance in production environments. Eager to contribute to impactful projects that make a difference.

EDUCATION

Centurion University of Technology and Management   **Bhubaneswar, Odisha, India**
Master of Computer Applications - 9.64 CGPA   *August 2022 - April 2024*

Achievements:
- 2nd position @ intra-college coding competition.
- Top 3 Finalists @ Intra-college competition for Smart India Hackathon 2023.

Relevant Courses: Data Structures & Algorithms, System Design, Android Development, Computer Networks, Object-Oriented Programming, Database Management System, Operating Systems.

SKILLS

Programming Languages: Java, JavaScript, C, SQL, HTML, TailwindCSS
Libraries/Frameworks: Next.js, React.js, React Native, Node.js, Express.js, Spring Boot, Spring Cloud, J2EE
Cloud/DevOps: AWS, GCP, Shell Scripting, Ansible, Docker, Kubernetes, CI/CD, Terraform, Linux, Git
Databases: MySQL, MongoDB, PostgreSQL

WORK EXPERIENCE

Skills Assessment Platform | Centurion University (Link) | (MERN Stack + Microservices)   **June 2024**
* Developed a skills assessment platform with 6 member team, focusing on the Training Partner module and the main website.
* Led frontend development, crafted user-friendly and responsive website that increased user engagement by 40%.
* Engineered APIs that improved data processing efficiency by 30% and integrated AWS S3, resulting in 50% faster image and certificate retrieval.

PROJECTS

Exam Portal Backend (Code link) | (Spring Boot + Spring Cloud + Microservices)   **June 2024**
* Architected a scalable exam portal using microservices architecture, resulting in a 40% increase in system reliability and 30% improvement in response times.
* Integrated Spring Cloud Gateway and Eureka Server, enabling system to handle 5000+ simultaneous users.

Google Meet Clone (Live link) | (Next.js, WebRTC, Peer.js, Socket.IO)   **June 2024**
* Engineered a Google Meet clone supporting up to 50 simultaneous users with 99% connection stability.
* Utilized WebRTC and Socket.IO, reducing latency by 30% compared to traditional video conferencing solutions.

Social Media Web App (Live link) | (MERN Stack)   **January 2024**
* Developed a social media platform to deepen understanding of full-stack development.
* Designed a responsive frontend that improved user engagement by 45% and optimized MongoDB operations, reducing data retrieval time by 50%.

E-Commerce Web App (Live link) | (ReactJS + Spring Boot + MySQL)   **November 2023**
* Built a secure and efficient E-Commerce platform. Enforced Spring Security and JWT authorization, reducing security vulnerabilities by 60%.
* Implemented an Admin panel for order, payment, and inventory management. Optimized MySQL database, improving query performance by 40%.

CERTIFICATIONS

- Advanced React by Meta   - Certificate link
- Foundations of User Experience (UX) Design by Google   - Certificate link
- Linux Fundamentals by KIMO   - Certificate link