<UMA SAMBATHKUMAR>

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Full stack developer with 5 years of experience building end-to-end applications using **Node.js**, **Express.js, and React.js**. Proficient in containerization with **Docker** and deployment orchestration using **Kubernetes** and **Helm**. Certified in **AWS** and **Azure**, with infrastructure as code managed via **Terraform**. Focused on delivering maintainable, high-quality solutions with strong test coverage while reducing toil through automation. Balances engineering best practices with business value to drive customer-centric solutions. Seeking Junior full stack roles in Australia to contribute to impactful software projects.

PROFESSIONAL EXPERIENCE

Senior Software Engineer
Axcend Automation and Software Solutions
2022 - 2024

- Developed a workflow management app to streamline the 4M's of operations: Man, Machine, Material, Method.
- Built backend services with Node.js in a serverless architecture for scalability.
- Created frontend with React.js, Tailwind UI, and Tailwind CSS for a seamless user experience.
- Integrated MongoDB and DynamoDB for robust data management.
- Provided SME support on framework development and technical guidance.

Infrastructure & Deployment:
- Automated provisioning with Terraform for IaC.
- Set up CI/CD pipelines using GitHub Actions.
- Containerized apps with Docker and managed them with Helm in Kubernetes.
- Managed cluster ops using K9s and integrated Novu for notifications.

EDUCATION

Bachelor of Engineering in Computer Science Engineering
Manakula Vinayagar Institute of Technology
Pondicherry University,
India

SKILLS & PROFICIENCIES

- Programming Languages: JavaScript (Node JS, React JS)
- Cloud Platforms: AWS, Azure, Google Cloud Platform (GCP)
- DevOps Tools: Terraform, GitHub Actions, Docker, Helm ,Jenkins, Nagios
- Databases: MongoDB, DynamoDB, MYSQL
- Scripting: Bash
- Configuration Management: Novu Integrations, Active Directory
- Frontend Technologies: React.js, Tailwind UI , Tailwind CSS
- API Testing Tool : Postman
- Soft Skills : Project Management, Teamwork, Time Management, Leadership

REFERENCES

Available on request

</FULL-STACK ENGINEER>