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| **G. SUNDEEP** | | |
| Result driven Backend-DevOps Engineer with expertise in AWS, Azure, Infra-Pulumi and TypeScript combined with 4+ years of experience in backend development. Proven track record in crafting elegant, scalable code and delivering exciting user experiences. | | |
| **CONTACT DETAILS**   |  |  | | --- | --- | |  | +91- 9080971046 | |  | Sundeepg998@gmail.com | |  | [linkedin.com/in/](https://www.linkedin.com/in/sundeep-g-8286831b2/) | |  | <https://leetcode.com/u/sundeepg8/> | |  | **PROFILE SUMMARY**   * Designed, **implemented, and optimized** APIs and backend workflows using Node.js and Express.js, Elysia and SST frameworks. * Applied Pulumi along with TypeScript for multi-cloud infrastructure automation. Architected and deployed infrastructure managing 200+ cloud resources across AWS and Azure. Reduced deployment times by 85% and infrastructure costs by 35% through IaC best practices. * Focused on **scalability, cost-efficiency,** and **reliability** while working with databases like PostgreSQL, MongoDB, and DynamoDB across cloud platforms including AWS and Azure. * Demonstrated strong **technical acumen** by ensuring **smooth project execution, timely delivery, and alignment with organizational objectives** while maintaining high-quality standards. * Consistent in following **DevOps and Agile best practices,** experienced in utilizing tools like JIRA, Linear, Git, and CI/CD pipelines to streamline software delivery cycles. * Adept at **collaborating with cross-functional teams** to drive innovation, implement best practices, and enhance development efficiency through continuous improvement.   **WORK EXPERIENCE**  Apr’24 – Present: DevOps & Backend Engineer | Wissen Technology  **(Client: Invenco by GVR)**   * Managed the Pulumi stack state and lifecycle across dev/staging/production, implementing automated rollback mechanisms drift detection, and troubleshooting deployment issues using Pulumi diagnostics. * Developed infrastructure testing framework using Jest and Mocha for Pulumi infrastructure code, achieving 90% test coverage and preventing deployment failures. * Implemented GitOps workflow integrating Pulumi with GitHub Actions, using Pulumi CLI commands (preview, up, destroy) for deployment automation and automated environments and zero-downtime production deployments. * Architected reusable TypeScript abstractions and Pulumi component library with 20+ modules, reducing infrastructure code duplication by 60% and accelerating new service deployments. * Leading infrastructure automation initiatives using Pulumi with TypeScript, managing 50+ AWS resources across multi-environment setups including Lambda functions, API Gateways, DynamoDB tables, ECS clusters, and S3 buckets across multiple environments. |
| **CORE COMPETENCIES** |
| * Backend Development * Database Design & Optimization * API Development & Integration * Scalable Architecture Design * CI/CD & DevOps Practices * Advanced Data Structures & Algorithms * Communication & Stakeholder Engagement |
| **TECHNICAL SKILLS**   * **Programming Skills:** JavaScript, TypeScript, Python * **Databases:** PostgreSQL, MySQL, MongoDB, DynamoDB * **Cloud Platform:** Azure functions, AWS * **IaC:** Pulumi (TypeScript SDK), AWS CDK, CloudFormation   DevOps Tools: GitHub Actions, GitLab CI/CD, Docker, Kubernetes   * **Observability Tools:** New Relic   **EDUCATION**   * **B. Tech in CSE**   Indian Institute of Information Technology (IIIT), Sri City: August 2017 – May 2021 |
| Top of Form  **PREVIOUS EXPERIENCE**  Backend & Infrastructure Engineer | Mailmodo - Email Marketing Feb’23 – Mar’24   * Spearheaded backend development using Node.js, Azure Functions, ClickhouseDB, Linear, and Express.js to drive innovative technology solutions. * Built custom Pulumi providers and components for internal platform services, standardizing infrastructure patterns across 10+ microservices. * Designed and implemented Azure infrastructure using Pulumi with TypeScript, managing Azure Functions, Service Bus, Cosmos DB, and API Management services. * Oversaw end-to-end database management, including schema architecture, query optimization, and seamless data migrations. * Amplified platform flexibility by 20% and contributed to a 12% expansion in the customer base through effective third-party service integrations. * Consistently leveraged technical acumen to develop innovative solutions, leading to significant improvements in system performance and reliability.   **Associate Software Engineer | Pristyn Care (Healthcare), Gurugram Marketing May’21-Feb’23**   * Spearheaded the development of appointment scheduling and intelligent search functionalities, significantly improving user navigation and driving higher appointment conversion rates. * Optimized server performance and reduced application latency through the strategic implementation of Redis caching and a serverless architecture model. * Enhanced patient engagement and communication by integrating IVR systems and chatbots using Knowlarity and Twilio, leading to improved accessibility and user satisfaction, including seamless access to CoWIN-related information. * Utilized a robust technology stack comprising Node.js, AWS, MongoDB, DynamoDB, and Jira to deliver impactful digital health solutions and accelerate technical innovation. | | |
| **PERSONAL DETAILS**   |  |  | | --- | --- | | **Date of Birth:** | 12th August 1998 | | **Languages Known:** | Tamil, Telugu, English, Hindi | | **Address:** | Thalambur, Chennai - 603103 | | | |