RAGHU BALLU

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SUMMARY

- Software Development Engineer with 3+ years of experience in backend, frontend, Database design, and DevOps practices, specializing in building efficient, scalable applications and administrating application privileges.
- Proficient in developing, designing and managing databases, and resolving database performance issues to meet business requirements.
- Experienced in AWS Cloud Infrastructure management, including EC2, RDS, S3, VPC, and security, with a focus on optimizing cloud costs and monitoring cloud services.
- Proficient in designing and implementing scalable RESTful APIs, ensuring optimal performance, security, and adherence to industry standards.
- Experienced in API testing and validation using tools like Postman and automated testing frameworks to ensure high-quality, reliable integrations.

TECHNICAL SKILLS

- **Programming Languages**: Node.Js/JavaScript, TypeScript, Java 8, Python
- **Backend Development**: Express.js, Spring Boot
- **Frontend Development**: React.js, Next.js, Angular, HTML/CSS
- **Cloud Infrastructure (AWS)**: EC2, RDS, S3, Elasticache, IAM, VPC, Route53, Cloudfront, Lambda
- **Database Skills**: SQL, MySQL, Redis
- **DevOps**: Git, Github, Github Actions, Docker
- **Linux**: Linux, Shell Scripting, Server Management, Automation, CRON jobs, Monitoring service usages.

SOFT SKILLS

Adaptability | Problem-Solving | Detailed Analytical | Team Collaboration | Communication | Project Management

WORK EXPERIENCE

Software Development Engineer-2 | Skilzen Ed-Tech Pvt. Ltd, Bangalore India | Dec 2022 – Present

- **Database Design & Management**: Designed and implemented databases tailored to business requirements, ensuring structured data storage and integrity.
- **API Development**: Created efficient, scalable REST APIs that adhere to product standards and enable seamless integrations.
- **Best Practices & Deployment Strategies**: Defined and documented best practices for application deployment and infrastructure maintenance, ensuring operational efficiency.
- **AWS Cloud Infrastructure**: Proficient in managing AWS services, including EC2 (Elastic Compute Cloud) for virtual machines and AMIs, VPC, IAM, Lambda, Security Groups, and RDS setup and monitoring.
- **Cloud Monitoring**: Monitored cloud services for usage and outages, ensuring high availability and performance.
- **SEO Optimization**: Enhanced frontend performance leading to significant improvements in SEO rankings.
- **CI/CD Pipelines**: Developed pipelines that reduced deployment times by 40%, boosting productivity.
- **Cost Optimization**: Cut cloud costs by 15% through efficient right-sizing strategies.

Software Development Engineer-1 | Skilzen Ed-Tech Pvt. Ltd, Bangalore India | Feb 2022 – Dec 2022

- **Web Scraping Services**: Developed and maintained services to extract and process data from websites using scrapers and APIs used Python libraries Beautiful Soup, requests, csv.
- **Frontend Development**: integrated dynamic frontend interfaces using **React.js and Next.js**.
- **Frontend Optimization**: Implemented **CSR** (Client-Side Rendering) and **SSR** (Server-Side Rendering) strategies to enhance page speed and user experience
- **Version Control**: Worked with Git, Github workflows and Collaboration with Team members in Trello and Jira.

EDUCATION

- **Master of Computer Applications [M.C.A]** | Aurora's PG College, Hyderabad | Secured 76% | 2020 – 2022
- **Bachelor of Science in Statistics & Computer Science [B.Sc]** | NSV Degree College, Jagtial | Secured 84% | 2017 – 2020