HARRISH S

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SUMMARY

Motivated and enthusiastic Cloud Engineer fresh graduate with a keen interest in cloud technologies and a strong academic background in computer science. Equipped with hands-on experience gained through coursework projects. Eager to apply my knowledge and skills to contribute to the design, deployment, and optimization of cloud-based solutions.

EDUCATION

- B.Tech (Biotechnology) | SRM Institute of Science and Technology | 2019-2023 | 7.45 CGPA
- 12th | Velammal Matriculation.Hr.Sec.School | 2019 | 73%
- 10th | Velammal Matriculation.Hr.Sec.School | 2016 | 90%

TECHNICAL SKILLS & ABILITIES

DevOps (a portmanteau of "development" and operations)

- Continuous Integration/Continuous Deployment (CI/CD): Experience with tools like Jenkins, GitLab CI, and CircleCI.
- Configuration Management: Proficiency with tools such as Ansible, Puppet, and Chef for automating infrastructure.

Amazon Web Services - AWS

- AWS Services: Familiarity with core AWS services such as EC2, S3, RDS, and Lambda.
- Compute Services: Understanding of provisioning and managing virtual servers using Amazon EC2.
- Storage Services: Basic knowledge of Amazon S3 for scalable object storage.
- Database Services: Exposure to Amazon RDS for managed relational databases.

Linux

- Operating System Proficiency: Basic knowledge of Ubuntu, CentOS, and Redhat operating systems.
- Command Line Skills: Skilled in efficiently navigating the Linux command line interface (CLI), adept with essential commands such as ls, cd, mkdir, rm, cp, mv, grep, etc.
- File System Navigation: Basic understanding of the Linux file system hierarchy, proficient in navigating directories using commands like pwd, cd, and ls.

Cisco Certified Network Associate (CCNA)

- **Network Fundamentals**: Knowledge of IP addressing, subnets, and routing protocols (OSPF, EIGRP).
- **LAN Switching Technologies**: Proficiency in configuring and managing switches, VLANs, and inter-VLAN routing.
- **Routing Technologies**: Understanding of configuring and troubleshooting routers, RIP, OSPF, EIGRP.
- **WAN Technologies**: Familiarity with WAN concepts, including PPP, Frame Relay, and MPLS.
- **Infrastructure Services**: Ability to manage and configure DHCP, NAT, and NTP.
- **Infrastructure Security**: Basic knowledge of securing network devices, implementing access control lists (ACLs), and VPNs.

ADDITIONAL HARD SKILLS

- Architecture: Familiarity with architectural principles in designing cloud-based solutions, optimizing performance, and ensuring scalability.
- CCNA: Proficiency in Cisco networking technologies, including routing, switching, and network infrastructure management.
- Cloud Computing: Understanding of cloud computing concepts, including deployment models, service models, and cloud architecture patterns.

SOFT SKILLS

- Communication: Ability to clearly convey information and ideas to various stakeholders.
- Collaboration: Working effectively with team members and other departments to achieve common goals.
- Problem-Solving: Ability to analyze issues, identify solutions, and implement them efficiently.
- Adaptability: Being flexible and open to change, and able to adjust to new situations and challenges.
- Time Management: Managing one's time effectively to prioritize tasks and meet deadlines.
- Critical Thinking: Evaluating information and arguments to make reasoned judgments and decisions.
- Leadership: Guiding and motivating team members to achieve objectives and improve performance.
- Creativity: Thinking outside the box to develop innovative solutions to problems.

CERTIFICATION

- Done a Course completion in DEVOPSat Besant Technologies.
- Done a Course completion in AWS at Besant Technologies.
- Done a Course completion in LINUX at Besant Technologies.
- Done a Course completion in CCNA at Besant Technologies.

PROJECT WORKS

Tic Tac Toe Game Implementation with AWS Stacks

- Developed a web-based Tic Tac Toe game using stack data structures to manage game state, hosted on Amazon Web Services (AWS) to ensure scalability, reliability, and security.
- Technologies Used:Frontend: HTML, CSS, JavaScriptBackend: Python (Flask)AWS Services: Amazon EC2, AWS Lambda, Amazon S3, Amazon RDS, Amazon CloudFront, AWS CloudFormation
- Outcome: Successfully delivered a fully functional, web-based Tic Tac Toe game with robust game state management using stacks, hosted on a scalable and secure AWS infrastructure. The project demonstrated expertise in both software development and cloud architecture, highlighting skills in Aws cloud service.

Wave Cafe Web Page Development and Deployment on AWS EC2

- Designed and deployed a professional web page for Wave Cafe using a free CSS template, hosted on an Amazon Web Services (AWS) EC2 instance to ensure reliability and accessibility.
- Harrish Basent: Technologies Used:Frontend: HTML, CSS (free CSS template), JavaScriptBackend: Nginx (web server)AWS Services: Amazon EC2, Amazon S3, Amazon Route 53, AWS CloudFormation
- Harrish Basent: Outcome: Successfully delivered a polished, professional web page for Wave Cafe that is both functional and attractive, hosted on a reliable and scalable AWS infrastructure. The project highlighted expertise in web development, server management, and cloud deployment.

EXPERIENCE

Fresher

TARGET JOB ROLES

- Cloud Engineer: Responsible for designing, implementing, and managing cloud infrastructure. Works with various cloud platforms like AWS, Azure, or Google Cloud to deploy and maintain applications.
- Cloud Developer: Specializes in developing cloud-based applications. Uses cloud-native development practices and tools to create, deploy, and manage applications on cloud platforms.
- DevOps Engineer: Focuses on the integration of development and operations. Implements CI/CD pipelines, automates infrastructure with IaC tools, and ensures efficient deployment of applications in cloud environments.
- Cloud Data Engineer: Focuses on building and managing data pipelines in the cloud. Works with cloud data services to process, store, and analyze large volumes of data.