Vishwajeet Kumar

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PROFESSIONAL EXPERIENCE

Research Analyst, *Intellipaat*   Jul 2022 – present | Bangalore, India
- Deployed cloud-based infrastructure for a quartet of projects on AWS, spanning four regions and 12 availability zones. to meet demanding standards for high performance, security, and availability
- Implemented cost-effective cloud solutions to reduce AWS billing by 83.33%.
- Experience in designing and deploying AWS cloud architecture for applications built in different programming frameworks and platforms, including Django, Flask, Php, and WordPress.
- Conducting 18+ hours per week of Live AWS training webinars for corporate employees as a trainer
- Troubleshooting errors and resolving technical queries of over 1000+ students as a one-on-one course mentor
- Developed over 60+ comprehensive documentations primarily focused on AWS and DevOps using Google Docs and Slides

Celebal Summer Intern, *Celebal Technologies*   Jun 2022 – Jul 2022 | Jaipur, India
- Applied linear and logistic regression to build/test 2 machine learning models, executed ETL, visualized Kaggle datasets, and published 10+ reports/dashboards using Power BI and SQL.

EDUCATION

Bachelor of Technology, Computer Science Engineering,   Jul 2019 – Jun 2023 | Jalandhar, India
Lovely Professional University
  CGPA: 8.15/10 Percentage: 81.5

PROJECTS

Serverless Web App Deployment   Jul 2023
- Deploying a static website on S3 that serves over 1000 http and https requests per second
- Tracking user visits in real-time through API calls that can handle 10,000 requests per second to DynamoDB using API Gateway and Lambda
- Ensuring secure, cached content delivery with CloudFront to minimize latency over 300+ edge locations worldwide.

Personal Portfolio Website   Jul 2023
- Implemented the Bootstrap framework to ensure seamless responsiveness and cross-device compatibility, resulting in an intuitive user experience regardless of the device or screen size.
- Leveraged the Highlight.js library to syntactically highlight and format code snippets, enhancing readability and enabling visitors to comprehend technical content with ease.
- Integrated JavaScript interactivity into the website, enabling smooth navigation, seamless content loading, contributing to an enhanced overall visitor experience.
- Uses the FormSubmit API to capture inquiries securely.
- Completed Jenkins pipelines with Github Webhooks to automate the deployment under the testing phase.

Deploying a Secure & Redundant Flask Application   Sep 2022
- Host the front-end website publicly built in Flask with 600+ lines of code.
- Store media files and credentials for more than 1000 employees privately in S3, RDS, and DynamoDB.
- Publish 10+ messages per second with SNS based on events
- Autoscaling servers when CPU utilization is beyond 80% or below 60%
- Distributing incoming traffic using ALB across 2 availability zones
- Manage access to AWS services with IAM roles for 3 AWS services.

SKILLS

Amazon Web Services (EC2, IAM, VPC, S3, CloudFormation, RDS, DynamoDB, Elastic Beanstalk, CloudTrail, CloudWatch, Lambda, SNS, SQS, EFS, FSx, Global Accelerator, CloudFront, API Gateway, AWS CLI, ECS, ECR)

AWS Developer tools (CodePipeline, CodeCommit, CodeBuild, CodeDeploy)

Devops (Git, Docker, Ansible, Jenkins, Terraform, Kubernetes) • **Linux** (Bash)

Web Development (HTML, CSS, JavaScript, Bootstrap, Regular Expressions) • **Programming Languages** (Python)

Databases (MySQL, DynamoDB) • **Office Tools** (MS Office Word, MS Excel, Google Docs, Sheets, Slides)

ACHIEVEMENTS

LeetCode
- Solved over 160+ DSA problems on LeetCode.

CERTIFICATIONS

AWS Cloud Practitioner Essentials (AWS, 2023), **Getting Started With AWS** (Simplilearn, 2023),
Data Analysis With Python (FreeCodeCamp, 2022), **JavaScript Algorithms and Data Structures** (FreeCodeCamp, 2022),
RataType Typing Certificate Silver (RataType, 2022, 62wpm)