AKHIL AROLKAR

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Experience:

- **Capgemini – DevOps / Site Reliability Engineer / AWS certified cloud practitioner   08/2022 - Current**
  Mumbai, India
  - ❖ Conducted in-depth analysis of AWS infrastructure issues and production incidents, identifying root causes and providing solutions to enhance system performance and reliability.
  - ❖ Implemented and managed CI/CD pipelines using AWS services (e.g., CodePipeline, CodeBuild, CodeDeploy) to ensure seamless deployment across multiple environments.
  - ❖ Ensured high availability and scalability of applications on AWS, leveraging services like EC2, Auto Scaling, and Elastic Load Balancing.
  - ❖ Troubleshot complex cloud-based issues related to AWS architecture, networking, and system configurations.
  - ❖ Utilized version control systems like Git and SVN, ensuring proper code management and collaboration within DevOps teams.
  - ❖ Collaborated with development and operations teams to optimize deployment processes, automating infrastructure provisioning using tools like Terraform or CloudFormation.
  - ❖ Provided technical support for resolving issues related to AWS DevOps tools and technologies, ensuring smooth operation of cloud environments.
  - ❖ Performed troubleshooting and remediation of issues during application deployments on AWS, ensuring minimal downtime and quick recovery.

Accomplishments:

- Multiple Client appreciations for effectively handling critical Production deployments.
- Recognition Award "Rockstar" for excellent performance during OCT-DEC 2023.

Skills:

- ❖ Incident Management
- ❖ Configuration Management
- ❖ Continuous deployment
- ❖ Technical Documentation
- ❖ Troubleshooting
- ❖ Version control systems
- ❖ Scripting Languages
- ❖ AWS, Terraform, Git, Docker

Education:

- **Bachelor's of Science in Information Technology**   **CGPA: 9.00**
  Kirti M Doongursee College, Mumbai University   2019-2022
- **HSC**   **Percentage: 60%**
  SVKM's Mithibai College, Mumbai   2019
- **SSC**   **Percentage: 82%**
  IES's New English School Bandra, Mumbai   2017

Projects:

- **Python's Django Framework:**
  - ❖ For my final year project, I developed a web application using Python's Django Framework, Html/Css for frontend and MySQL for database.
  - ❖ This Application allows users to log and track their workout and diet plans.
  - ❖ Used an open-source API that gets nutrient information about a food Item.
  - ❖ Users can download a pdf report of their workout and diet information.
- **AWS & Terraform:**
  - ❖ Utilized Terraform scripts to manage infrastructure changes and version control.
  - ❖ Designed and implemented Virtual Private Cloud (VPC) with subnets, route tables, and gateways.
  - ❖ Automated the deployment of EC2 instances with specified AMIs, instance types, security groups, and key pairs.
  - ❖ Set up and configured S3 buckets to host static websites, including bucket policies and access controls.

Certifications:

- AWS CLF-02
- Python: Zero to Hero Bootcamp