SRIKANTH IYENGAR

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Education

Sardar Patel Institute of Technology   Jun 2020 - Jun 2024
Bachelor of Technology in Information Technology; CGPA: 8.6/10   *Mumbai, India*

Experience

Barclays Global Service Centre   Jun 2023 - Aug 2023
Technology Intern   *Pune, India*
- Enhanced internal test framework using Karate Framework and Java
- Tested critical microservices platforms, gaining practical experience with complex software components
- Automated regression testing, reducing manual QA time and improving testing efficiency
- Collaborated closely with developers and QA team to troubleshoot and resolve defects
- Leveraged knowledge of Java, AWS, MongoDB, Karate Test Framework

Student Developer at SPIT   Sept 2022 - Oct 2022
- Designed and developed admission portal for college to facilitate **2000 MAU** and generate **$125,000** in revenue annually
- Accelerated admission scrutinization process by **10x** by formatting and auto-generating PDF of **65+ user data points**
- **Reduced** grievance resolution time by **33%** by engineering **admin dashboard** with support for CRUD operations
- Leveraged knowledge of **Java, Spring, Firebase Cloud Firestore, AWS S3, Docker**

Projects

Homelab (End-to-end Data Pipeline Solution) | Github
- Masterfully crafted and managed a **dynamic homelab** using **Terraform** and **Kubernetes**, fueling my passion for tech experimentation
- Enthusiastically orchestrated **Jenkins, Grafana, Keycloak, and more, transforming** my homelab into a dev playground
- Skillfully employed **HashiCorp Vault** to protect digital treasures, feeding my obsession for **data security**
- Leveraged **Cloudflare** for global reach, propelling my tech creations into the **hands of enthusiasts worldwide**
- Utilized: **Terraform, Kubernetes, Cloudflare, Vault, Shell Scripts**

Datahive (End-to-end Data Pipeline Solution) | Github
- Developed a **configuration-driven** end-to-end data pipeline platform, contributing in winning the **Barclays Hackathon**
- Successfully orchestrated the smooth transition of **10 TB** of **heterogeneous data** to the cloud
- Expertly deployed project modules on **Kubernetes** clusters (**EKS, GKE, microk8s**) for maximum flexibility
- Engineered a script, reducing **deployment** time by **90%** to under a **minute**, streamlining operations
- Utilized: **Java, Kafka, Hadoop, Spark, Elasticsearch, Kibana**

Asyph (Online Coding Judge and Assessment) | GitHub
- Architected microservices for a seamless coding experience, accommodating **10,000** concurrent users
- Developed Spring microservices, achieving a **40%** reduction in response time with **Netflix Eureka and Zuul**
- Implemented secure user authentication and sign-up using Spring Security and JWT, while reducing database queries
- Enabled **3x** faster deployment and seamless scalability on **Kubernetes** using **Terraform**
- Utilized: **Java, Spring, Cassandra, Redis**

Achievements

- Winner of **Barclays** Datastellar Hackathon
- Secured Rank of **2464** in Google Kickstart among **10000+** participants world wide February 2022   (Link)
- Secured Rank of **1522** in Google Hashcode among **10000+** participants world wide February 2022   (Link)
- Secured global rank of **254** in Leetcode Biweekly contest 83 among **17,000+** participants   (Link)
- Secured global rank of **328** in Codeforces Round #799 (Div. 4) among **24,000+** participants   (Link)
- Ranked under **15094** at Codechef which ranks among the top sites for competitive programmers. Highest rating of **1813** and rated **4***   (Link)

Technical Skills

Languages: Java, C++, JavaScript, SQL   **Technologies**: Spring, JUnit, MySQL, Docker, Kubernetes, Ansible