Siddharth Mehta

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SKILLS SUMMARY

- **Languages and Frameworks**: Python, C++, Java, JavaScript, ReactJS, Nextjs, Nodejs, Django, ReactNative, Golang
- **Tools, Version control and Platforms**: Git, Kafka, Gitlab, MySQL, Grafana, AWS, REST, Docker, Kubernetes

EXPERIENCE

- **Forcepoint**
  Software Engineer *July 2023 - Current*
  - **Web Portal Development**: Engineered a user-friendly web portal for customizing proxy requirements, improving the customization process by 40% and reducing support tickets by 25%.
  - **Pipeline Development**: Created a robust pipeline to streamline the deployment process, enhancing efficiency and reducing deployment times by 30%.
- **BigBasket**
  Software Engineer *January 2023 - June 2023*
  - **Automated Documentation**: Designed a Slack bot to automate Root Cause Analysis (RCA) retrieval, reducing document retrieval time by 90% and increasing efficiency.
  - **CI/CD Implementation**: Optimized development workflow by implementing GitLab CI/CD pipelines, leading to a 30% increase in deployment frequency and faster time-to-market.
  - **Web App Development**: Developed a web app for banner updates, cutting down update time by 80%, significantly enhancing marketing agility.

EDUCATION

- **NIIT University**
  Bachelor of Technology - Computer Science; CGPA: 8.56 *2019 - 2023*
  Key Courses: Operating Systems, Data Structures, Algorithms, AI, Databases, OOP's, Networking, Docker

PROJECTS

- **Design With Sid - Technical Blog**: Next.js, Java, Spring Boot, System Design *-Link* September, 2024 - Present
  - **Content Creation**: Developed a technical blog combining system design implementations like rate limiting, news feed publishing, api gateway, caching etc leading to a projected 20% growth in site traffic and positive reviews.
  - **SEO Optimization**: Enhanced blog visibility with structured data and rich snippets, increasing search engine click-through rate by 15%.
- **Microservices Architecture Implementation**: Spring Boot, Docker, Kubernetes, Actuator, Eureka, API Gateway, RabbitMQ *-Link* June,2024 - August,2024
  - **Implemented Microservice Architecture**: Designed and deployed a Spring Boot-based microservice architecture, achieving a 40% increase in scalability and system reliability.
  - **Enhanced System Monitoring and Fault Tolerance**: Integrated Actuator for metrics, Eureka for service registry, and Hystrix for fault tolerance, improving system uptime by 35% through proactive monitoring and load balancing.
  - **Optimized API Performance and Security**: Deployed API Gateway with rate limiting and secure message queues, resulting in a 30% reduction in response time and enhanced security for data transactions.
- **BookShelf - Full Stack Mobile App**: ReactNative, Django, FastAPI, MongoDB *-Link* November,2023 - March,2024
  - **Full Stack Development**: Crafted a full-stack mobile app for book rentals, featuring interactive UI and integrated payment gateway, leading to a projected 25% increase in user engagement and 30% reduction in paper usage.
  - **API Integration**: Streamlined renting and payments with Stripe API, boosting transaction efficiency.
- **Bucket List Web Application**: ReactJs, Python, FastAPI, Appwrite *-Link* August,2023- Sep,2023
  - **User Engagement**: Enabled creation of distinct bucket lists, fostering a 20% increase in user retention by facilitating goal tracking and sharing.
  - **Feature Development**: Implemented activity sharing with snapshots and descriptions, enhancing social interaction and inspiration among users.

HONORS AND AWARDS

- **ICPC (Regionalist) :** Ranked 1st in university and qualified for the onsite round of the ICPC.
- **Google Kickstart (Top 600 in India) :** Secured a Global Rank of 1182 in Google Kickstart Round H (2020)
- **Rank 12 in India :** Achieved a Global Rank of 64 and all-India Rank of 12 in Codechef Long Challenge (2020).
- **Codechef 4-star :** Attained an all-time high rating of 1912 and earned 4 stars on Codechef.

CERTIFICATIONS

July 2024

- **Master Spring Boot and Spring Framework**: in28minutes - Udemy