Nihalahmed Barudwale

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Experience

Jio Platforms Limited   Navi Mumbai, India | Jul 2023 – Present
Software Development Engineer

- Developed scalable web applications using **ReactJS, NodeJS, Go**, increasing user engagement by 40%.
- Optimized database queries in **MongoDB, MySQL, Redis, Elasticsearch, ScyllaDB**, reducing query times by 30%.
- Improved system reliability by 20% through **Kubernetes** container orchestration, handling over 100,000 concurrent users.
- Spearheaded the development of a monitoring system that tracked real-time user activity, reducing troubleshooting time by 40%.
- Collaborated with cross-functional teams and stakeholders, delivering backend functionalities that reduced project delivery time by 15% and improved system efficiency.

Projects

JIOCX -Bulk SMS Portal   *Go, ScyllaDB, Redis, PostgreSQL, Elasticsearch, Kafka, GCP Bucket*
- Developed a robust portal for sending bulk SMS and outbound calls (OBD) to large user groups, handling up to 5 crore SMS/OBD calls daily. - Implemented modules for managing Leads, SMS, OBD, VoiceSurvey, RBAC, and Login, ensuring smooth user interactions and campaign management. - Enabled the upload of up to 1.5 crore leads (in CSV/Excel format) at a time, utilizing GCP Bucket for storage and scalable file handling. - Built campaign creation workflows that support large-scale lead management and seamless delivery of SMS/OBD campaigns. - Optimized the system with ScyllaDB and Redis for high-speed data access, along with Kafka for real-time message processing.

PeopleFirst - Talent Hiring Platform   *NodeJS, Express, MySQL, Redis, Kafka*
- Developed a comprehensive talent hiring platform that streamlines the recruitment process for candidates applying to the company. - Implemented key features such as requisition creation, candidate application portal, and interview management, including scheduling and scoring. - Integrated a test scoring and onboarding system, enhancing the end-to-end recruitment workflow. - Utilized Redis for session management and caching, ensuring high performance and scalability. - Leveraged Kafka for real-time messaging to facilitate efficient communication between microservices.

JIOCX - LPG GAS Cylinder Booking   *Go, Kafka, ScyllaDB, Redis*
- Developed APIs for seamless LPG cylinder booking through multiple channels, including IVRS, Missed Calls, and Inbound SMS. - Collaborated closely with the telephony team to ensure smooth integration across all booking modes. - Utilized SMPP for handling Inbound SMS bookings, ensuring efficient and reliable messaging. - Leveraged Kafka for real-time event streaming, and ScyllaDB and Redis for fast, scalable data storage and retrieval.

Skills

- **Languages:** Go, JavaScript, C++, Python
- **Databases:** MongoDB, MySQL, Redis, Elasticsearch, ScyllaDB, PostgreSQL
- **DevOps/Cloud:** Kubernetes, Microsoft Azure, Git, GitHub
- **Web Technologies:** ReactJS, NodeJS, ExpressJS
- **Tools/Frameworks:** Kafka, Visual Studio Code, Postman
- **Agile Practices:** Scrum

Education

B.E. in Computer Engineering   Pune, India | Aug 2019 - June 2023
Sinhgad College of Engineering

HSC   Solapur, India | June 2017 - June 2019
Smt. Nirmalatai Thokal Junior College

SSC   Solapur, India | June 2016 - June 2017
Suyash Vidyalaya