Nihalahmed Barudwale

📞 9307551396 ✉ nihalbarudwale2000@gmail.com in nihalahmed-barudwale 🌐 Portfolio

Experience

Jio Platforms Limited   **Jul 2023 – Present**
Software Development Engineer   *Mumbai, Maharashtra*

- Developed scalable web applications using **Go, NodeJS**, increasing user engagement by 40%.
- Optimized database queries in **MongoDB, MySQL, PostgresQL, Elasticsearch and ScyllaDB** reducing query times by 30%.
- Achieved a 20% boost in system reliability through **Kubernetes** container orchestration, accommodating 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*   **Apr 2024**

- 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.
- Optimized the system with ScyllaDB and Redis for high-speed data access, along with Kafka for real-time message processing.

JIOCX- LPG GAS Cylinder Booking | *Go, Kafka, ScyllaDB, Redis*   **Jan 2024**

- Created APIs for seamless LPG cylinder booking across multiple channels, including IVRS, Missed Calls, and Inbound SMS, leading to a 25% increase in booking efficiency and processing over 10,00,000 bookings daily.
- Collaborated closely with the telephony team to ensure smooth integration across all booking modes, resulting in a 20% reduction in integration time.
- Utilized SMPP for handling Inbound SMS bookings, ensuring efficient and reliable messaging.

PeopleFirst - Talent Hiring Platform | *NodeJS, Express, MySQL, Redis, Kafka*   **Sept 2023**

- Contributed to a comprehensive talent hiring platform, enhancing the recruitment process for candidates applying to the company, which improved candidate satisfaction scores by 25%.
- Implemented key features such as requisition creation, candidate application portal, and interview management, including scheduling and scoring, reducing the time-to-hire by 30%.
- Integrated a test scoring and onboarding system, enhancing the end-to-end recruitment workflow.

Technical Skills

Languages: Go, JavaScript, C++
Databases: MongoDB, MySQL,PostgreSQL, ScyllaDB
Cloud: Kubernetes, Microsoft Azure
Technologies: ReactJS, NodeJS, ExpressJS
Developer Tools: Postman, VS Code, Git

Education

Bachelor's Degree in Computer Engineering   **Aug. 2019 – June 2023**
Sinhgad College of Engineering   *Pune, Maharashtra*

HSC   **Jun. 2017 – June 2019**
Smt. Nirmalatai Thokal Junior College   *Solapur, Maharashtra*

SSC   **Jun. 2016 – June 2017**
Suyash Vidyalaya   *Solapur, Maharashtra*