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VRUSHALI JALGAONKAR

ルシャリ ジャルガオカル

Kawasaki, Japan
PIN – 211-0041

EMPLOYMENT

Software Engineer	Rakuten Symphony Inc., Japan	October 2022 - Present
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- Designed and developed a scalable Kafka-based microservice that handled over two billion real-time data points in the last year and processed up to **one million data requests per minute**.
- Utilized the **Factory Design Pattern** to dynamically instantiate different message handlers based on event types, enabling clean separation of logic, easier testing, and extensibility as new data formats were introduced.
- Implemented a microservice based application on the Cloud Platform which automated design, activation, and termination of network slice, reducing the labor cost by 95%.
- **Lead a team** of 3 developers, providing comprehensive guidance on technical concepts.
- Mentored 15+ junior developers, helping them to onboard smoothly.

Software Engineer	Rakuten Mobile Inc., Japan	Sept 2020 – Sept 2022
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- Designed and developed the catalog microservice to store the various networks configuration bundles, saving 1.2 billion Yen for alternate vendor product.
- Improved PostgreSQL database performance by analyzing slow queries, adding appropriate indexes, and optimizing schema design, resulting in a **40% faster response time** for data-intensive APIs.

Software Developer	MAQ Software, India	July 2019 - August 2020
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- Worked in the software development team on a cloud-based application for Microsoft client, collaborating with multiple internal and external teams from around the world.
- Worked on Web Applications, developing backend REST APIs, and implementing the Database Layer for the web services running on cloud using 20+ different cutting-edge technologies.

LANGUAGES AND TECHNOLOGIES

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|-------------------------|---|
| • Programming Languages | – Java, Python |
| • Frameworks and Tools | – Spring Boot, FastAPI, Amazon S3, Apache Kafka, Elasticsearch, JUnit, Pytest |
| • Database | – MySQL, PostgreSQL, Redis |
| • Cloud Technology | – Docker, Kubernetes, AWS |
| • Operating System | – Mac OS, Linux, Windows |
| • Others | – Git, GitHub, Visual Studio Code, Jira, Confluence |

EDUCATION

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|---|---------------|----------------------------|
| • Master of Technology in Computer Engineering
Veermata Jijabai Technological Institute (VJTI), India | CGPA: 8.21/10 | September 2017 – July 2019 |
| • Bachelor of Engineering in Information Technology
Laxmi Institute of Technology, India | CGPA: 8.08/10 | July 2013 – July 2017 |

MAJOR ACADEMIC PROJECT

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- **Healthcare Privacy approach using Blockchain Technology:** decentralized application - Solidity, Smart contracts, Ethereum, JavaScript, HTML, CSS
Paper Publication: https://link.springer.com/chapter/10.1007/978-981-15-4542-9_5
 - **Automobile Services:** web and an android application - JavaScript, HTML, CSS, Android, MySQL

CERTIFICATIONS

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- AWS Fundamentals: Building Serverless Applications - November 2023
 - Coursera: Software Development Lifecycle Specialization – October 2020