

# VIVEKANANDA REDDY LENKALA

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## Education

### University Of Washington

Master of Science in Computer Science and Software Engineering

Seattle, Washington

### Bennett University

Bachelor of Technology in Computer Science and Engineering

Greater Noida, India

## Relevant Coursework

- Data Structures
- Distributed Computing
- Machine Learning
- Computer Networks
- Design Patterns
- Database Management
- Cloud Computing
- OOPs

## Experience

### CCC Intelligent Solutions

June 2024 – Oct 2024

SDEI - Payments

Chicago, USA

- Implemented dual message broker system using **Kafka** for high-throughput data streaming and **RabbitMQ** for low-latency transactions, improving application response time by 35% through efficient message queuing.
- Automated weekend test bypass protocols in **DevOps pipeline**, enhancing developer work-life balance through intelligent workflow optimization.

### Werize

Sept 2022 – August 2023

Software Engineer

Bengaluru, India

- Executed critical components of **AWS** to **GCP** migration, implementing cloud-native services and automating resource provisioning that reduced infrastructure costs by 30% while ensuring zero-downtime transition
- Architected and deployed **GraphQL** API solution replacing **REST endpoints**, reducing mobile app data transfer by 65% and eliminating over-fetching through precise query optimization.
- Integrated **DynamoDB** NoSQL database with Java Spring Boot using Hibernate ORM, resulting in 50% faster query performance and enhanced data flexibility for **scalable microservices**.

### Edubrite Systems, Inc — Acquired By LinkedIn

June 2021 – Sept 2022

Fullstack Java Developer

Pune, India

- Led migration from iText to **Apache PDFBox** for PDF processing, implementing robust text extraction features while reducing licensing costs by 60% and maintaining core functionality coverage.
- Developed and optimized Salesforce Trailhead LMS features, resulting in improved user engagement and 30% reduction in bug reports through **test-driven development**, systematic testing and **cross-team collaboration**.
- Implemented **Redis** caching strategy across multiple application layers, reducing API response time by 65% and decreasing database load through optimized data retrieval patterns.

### Fintroops

Jan 2021 – Nov 2021

Founding Engineer

Hyderabad, India

- Designed RESTful APIs for multi-modal payment splitting using PHP Laravel, enabling dynamic transaction distribution with 99.9% accuracy while maintaining error handling mechanisms.
- Engineered **CI/CD pipeline** integrating Jenkins, SonarQube, Nexus, and GitHub Actions, while implementing monitoring tools (Grafana, Kibana) that improved deployment speed by 70% and system availability to 99.9%.
- **Founded** and scaled two web platforms (**anydoubts.co.in**, **sidehusslr.com**) from ground up, leading software development and implementing agile methodologies to ship the features quickly.

## Projects

### Community Based Learning Platform | React, Node, JavaScript, HTML, CSS, AWS

December 2020

- Engineered and deployed a content curation system leveraging the 51% consensus algorithm on AWS infrastructure (EC2, EKS, S3, Lambda, CloudWatch), and done performance optimization through real-time metrics analysis.

## Technical Skills

**Languages:** Python, PHP, Java, Go, SQL

**Web Development/ Frameworks:** React, Node, JavaScript, HTML/CSS, Sass, Bootstrap, Spring, Hibernate

**Technologies:** Git, AWS, GCP, MongoDB, Jenkins, JUnit, Blockchain, Docker, Kubernetes, CI/CD

## Leadership / Extracurricular

**2018:** Selected for Hult Prize Regionals Dubai, where only 200 teams are selected among 2 Lakh teams.

**2020:** AWS Certified Cloud Practitioner.

Grader for UW CSS 342: Data Structures, Algorithms, And Discrete Mathematics I in C++

**FAST LEARNER:** Demonstrated ability to learn and apply new technical knowledge quickly in growing teams.