

BABLУ KR.PRASAD

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Education

Dr. A.P.J. Abdul Kalam Technical University, India

Master of Computer Application

8.43/10

July 2021 – Aug. 2023

Experience

Maps of India Pvt Ltd ↗

Software Engineer

June 2024 – Present

Delhi, India

- TechStack: Python, Django, Object Oriented Programming, REST APIs, SQL, Kafka, Redis, Micro-Services
- Led development of a comprehensive Petrol Pump Finder application, integrating real-time price updates and cross-state price comparison features, resulting in 35% improved user engagement and 25% faster fuel station discovery times.
- Engineered an innovative geospatial analytics platform for mapping demographic and business distribution across India, processing data for 50M+ citizens and 10M+ businesses, enabling data-driven policy decisions.
- Developed a secure biometric verification system for the Election Commission of India, incorporating document validation and digital page-flipping capabilities, reducing verification time by 60% and improving accuracy by 40%.
- Enhanced critical API performance by 20x through strategic implementation of database indexing and caching mechanisms, while optimizing AWS resource utilization for 20% cost reduction 4K annual savings.
- Architected and deployed a scalable Refund Management API and expanded Referral Program API to handle 10 k concurrent users, resulting in 99.9% system stability.
- Optimized Authentication API performance by 40x and reduced Customer Profile API response time from 8 seconds to 300ms through advanced query optimization and selective caching strategies.
- Spearheaded development of Test Drive Eligibility API, achieving 80% improvement in customer satisfaction metrics and streamlining vehicle purchase workflow.

Zapuza Technologies Intern ↗

Aug. 2023 – may 2024

Software Engineer

Remote, India

- Optimised top 20 APIs almost 50 times by DB-Indexing, caching, optimising code architecture, Reduced 40% AWS Saved \$10 K yearly (\$ 22 K to \$12 K).
- Implemented rate limiting library, Improved system integrity & security by 200%.
- Designed, Developed, tested and deployed Test Drive-applicability API, Enhancing customer experience 2 times.

Project

Food Ordering App Backend ↗ | python, Django, LLD, Kafka, Redis, Rest API, SQL

Jan. 2024

- Designed and developed order, payment, and cart microservices, architected, and integrated services using RabbitMQ and HTTP calls.
- Engineered scalability improvements to support up to 10K transactions per year.
- Collaborated with cross-functional teams to gather requirements and define service interfaces.

Skills

Python, SQL, Java, NoSQL, Data Structure And Algorithms, RestAPI, Object Oriented Programming, Web Development

Monolithic and Micro-Services Architecture, Spring Boot, Django, Message Queue, Kafka, Cache, Redis, GIT, (Basic Artificial Intelligent, Machine Learning)

System Design (LLD & Basic HLD), Design Principles, Design Patterns

Achievements

- 2 Star Leetcode solved almost 350 problems(Overall) .
- 5 Star in Problem Solving on Hackerrank and 4 Star in Python, and 4 Star in Java.
- Ranked in top 3 on GeeksForGeeks University rank (Nationwide) .
- Ranked Under 1K Globally Google Kickstart and Google Code Jam 2020 Qualified.
- Facebook Hacker Cup round-2 Qualified under 10K Globally.
- Top 300 in Hackwithinfy (above 20000 participants).
- Ranked Under 2K Globally Google Kickstart and Google Code Jam 2022 Qualified.