Ankit Mishra

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TECHNICAL SKILLS

Backend: Python, GoLang, Java, bash-shell, RESTFul, gRPC, Microservices
Frontend: HTML, CSS
Frameworks: Gin, Gorila, FastAPI, Flask
Database: PostgreSQL, DynamoDB, Redis
Developer Tools: Git, Docker, Kafka, Maven,Vim, WebSockets
Cloud Services: AWS(Lambda, S3, DynamoDB), GCP(Storage, Function, SQL, Pub/Sub, SecretMangaer)

EXPERIENCE

The MoneyClub Technologies   Dec 2022 – Apr 2024
SDE 1   *Remote - India*

- **Developed** backend features for chat and bid features using Flask and PostgreSQL resulting in a 7% increase in user interaction and system efficiency.
- **Deployed** a penalty feature in a cloud function using Java and Maven, ensuring reliability and performance through unit testing.
- **Managed Notification system** processed over 1M requests using asynchronous calls and efficient concurrency management with Goroutines and Channels, resulting in a 40% improvement in request handling time.
- **Cache System** Implemented a caching system using Redis to efficiently retrieve user data in the bidding system whenever users request updates on their bids.
- **Collaborated** with cross-functional teams on performance optimizations and security enhancements, resulting in a 25% increase in system performance and a 15% reduction in security vulnerabilities.

iNeuron.ai   Nov 2021 – Dec 2022
Software Developer   *Bengaluru, Karnataka*

- **Enhanced** data security by implementing JWT Tokens for session handling and encrypting critical data, increasing data confidentiality and integrity by 32%.
- **Optimized SQL** queries through indexing and query refactoring, reducing resource usage by 25% and improving data retrieval performance by 20%.
- **Feature Development** Enhanced course engagement by developing an interactive course-quiz and feedback system using FastAPI, providing instructors with real-time performance insights to improve learning outcomes.
- **Demonstrated** strong problem-solving skills by resolving software issues through debugging and optimization, completing projects 10% ahead of deadlines.

PERSONAL PROJECTS

- **Integrated WebSockets** for bidirectional communication, using goroutines and channels for efficient message handling. Added gRPC for login and authentication with JWT tokens, and used Redis to cache real-time data.
- **Developed Kafka** producers for users and subscribers, handling real-time journaling data. Created topics for data management and integrated PostgreSQL for persistent storage.

ACHIEVEMENT

- **Algorithm Proficiency :** Solved over 300 Leetcode and Hackerrank problems, significantly enhancing skills in data structures and algorithms.
- **Leadership Role:** Elected coordinator of an official college society, leading as a VC for people with approach.
- **Additional Skills:** Skilled in research, writing, debating, and reading with a passion for lifelong learning.

EDUCATION

Sathyabama Institute of Science and Technology   Chennai, Tamil Nadu
Bachelor of Engineering in Computer Science   *Jul 2015 – Jul 2019*