Ankit Mishra

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Skills

Languages: Golang/Go, C++, Python, JavaScript, SQL, PostgreSQL
Technologies & Tools: AWS(EC2, S3, Lambda), Redis, Kubernetes, Docker, ReactJS

Work Experience

InfoBeans, Sr Software Engineer   Oct 2024 - April 2025

- **BlueXP** - Architected and developed an Alert microservice using Go and Docker to proactively address latency issues driven by scaling hybrid cloud workloads, focusing on critical metrics such as IOPS, response time, and storage capacity.

Volkswagen, Sr Software Engineer   Dec 2023 - Sep 2024

- **IFA** - Designed and implemented a scalable microservices architecture using Golang, Postgres, & AWS Lambda to track vehicle orders from customer placement to delivery, handling 200,000 requests per day with minimal latency.
- Developed mTLS authentication for domain, Lambda, and certificate management using AWS CDK in TypeScript, ensuring high performance and scalability.

Nupay, Sr Software Engineer   Jan 2022 - June 2023

- **Finpal** (Lending Domain) - Built 4 robust, low-latency Go microservices with Gin for lending (ICICI, HDFC), writing 150+ Ginkgo tests and integrating Redash for reporting.
- Enhanced the React.js + Go merchant dashboard to reduce time on queries and support operations.

Alten, Sr Software Engineer   May 2019 - Dec 2021

Client : ALSTOM, AIRBUS

- Developed .NET & OPCUA library wrappers, executed 120 automation tests for ALSTOM India and France. Transformed C++ to C & Golang for METRO train concurrency management server, enabling real-time tracking.
- Enhancements done in Generic Test Automation (GTA) Tool for testing the hardware components of the aircraft cockpit & analyzing the results over flight warning system for A350 Airbus & H125 Helicopter through the excel fields.
- Added three user screens to CLARA tool to identify & confirm the logical correctness of the logical gates of A350 aircraft.
- Developed a database app from scratch to track employees undergoing 6 Sigma & Black Belt training. Created APIs using RestAPI, .NET Core, Golang, Postgres & Angular.

PowerSchool, Software Engineer   Apr 2017 - May 2019

- ESchoolPLUS SIS solutions are for educators, School/District administrators, Parents, and Students.
- Develop/Maintain state regulatory solutions for the requirements/changes published by the State Department of Education (DOE) of the two major states Texas & Georgia.
- MACESS is a BPM tool that helps insurance firms to evaluate their insurance claiming process & identifies opportunities to integrate to the unified architecture.
- Upgraded MSSQL identity column to BIGINT for storing large records, with adjustments to C++ backend services.

Oracle Cerner, Software Engineer   Mar 2015 - Dec 2016

- Contributed to PowerNote, part of Cerner Millennium, supporting documentation for healthcare professionals. Independently upgraded 19 components to 64-bit systems and performed maintenance on ICU applications in C++.

ILeap, Jr Web Developer   Sep 2013 - Feb 2015

- Developed IntelliPROBPMS, a customized process management solution, from scratch. Utilized JMVC framework for web development and implemented backend services in C#. Conducted self UI testing & integration testing with products.

Timken, Internship

- Web Application development for tracking organization assets connected in the network based on the user id.
- Pinging the user available in the network and mapping with existing databases.

Education

REVA University GPA: 8.3 / 10 (Gold Medalist), Master Of Computer Application, Aug 2010 - July 2013

Project Work

- **Book Microservice :** Go based project utilizes gRPC & GraphQL to manage book data, integrating seamlessly with MongoDB. Docker streamlines deployment, while comprehensive logging ensures efficient tracking for an optimized book information service.
- **URL Shortener Service :** Go based URL shortener using a REST API for shortening and redirection. It supports in-memory storage or Redis caching, with a tech stack of Go, HTTP, and optional Redis. It's packaged in a Docker image for easy deployment.
- **PayTabs :** Go application using the Gin / Mux library to build a RESTful API, transferring money b/w two accounts and using inbuilt memory storage of Go.

Awards and Certificates

- 3rd Prize winner in Cerner Hackathon DevCon 2016.
- Knot Award for contribution of the Klockwork App to the millennium solutions.
- Q4 Award for contribution of automation test cases to OPCUA.
- Completed Golang certification from Udemy.