

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** - Redesigned and optimized a Go-based BlueXP Alert Microservice with major performance improvements, reducing **response latency by 60%** and boosting IOPS handling for scalable hybrid cloud monitoring. Enabled proactive alerting via BlueXP API, ensuring real-time detection of critical ONTAP issues (e.g., >10ms latency, >1TB usage).

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

January 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.