

Ankit Mishra

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Skills

Languages: Golang (Primary), Python, C++, JavaScript, SQL (PostgreSQL), Redis

Technologies: Microservices & Distributed Systems, AWS (ECS, Lambda, SQS, EC2, S3), K8, Docker, RabbitMQ

Work Experience

InfoBeans, Sr Software Engineer

Oct 2024 - Jun 2025

- BlueXP - Maintained BlueXP Alert Microservice with **major performance improvements, reducing response latency by 60%** for scalable hybrid cloud monitoring. Enabled proactive alerting via BlueXP API, ensuring real-time detection of critical ONTAP issues.

Volkswagen, Sr Software Engineer

Nov 2023 - Oct 2024

- IFA - **Built and scaled a Golang-based delivery date calculation microservice on AWS Fargate**, delivering accurate real-time estimates and handling 200K+ requests/day with low latency, while securing service communication using mTLS with automated certificate management via AWS CDK.
- Led a team of 5 engineers, ensuring high code quality and faster, reliable deliveries.

Nupay, Sr Software Engineer

Jan 2022 - Nov 2023

- Finpal - **Designed and built 4 high-performance Go microservices** from scratch using Gin, powering lending, account, and credit workflows by integrating with 17+ nationalized banks (including ICICI and HDFC), enabling secure, low-latency financial transactions and production launch on the Play Store
- Built and owned a Go + React.js merchant dashboard, reducing support query resolution time and improving operational efficiency, with Re-dash-based analytics for real-time reporting and insights.

Alten, Sr Software Engineer

May 2019 - Dec 2021

Client: ALSTOM, AIRBUS

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

PowerSchool, Software Engineer

Jan 2017 - May 2019

- ESchoolPLUS SIS solutions for educators, school/district administrators, parents, and students.
- Developed/maintained state regulatory solutions for requirements/changes published by the State Dept of Education (DOE) of Texas & Georgia.
- MACESS, a BPM tool that helps insurance firms evaluate their insurance claiming process & identify opportunities for unified architecture integration.
- Upgraded MSSQL identity column to BIGINT for storing large records for 13 components, with adjustments to C++ backend services.

Oracle Cerner, Software Engineer

Feb 2014 - 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++.

Timken, Internship

Sep 2013 - Feb 2014

- Developed web application for tracking organization assets connected in the network based on user ID.
- Implemented pinging functionality for users available in the network and mapping with existing databases.

Education

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

Project Work

- URL Shortener Service: Go-based URL shortener using a REST API for shortening and redirection. Supports in-memory storage or Redis caching, with a tech stack of Go, HTTP, and optional Redis. Packaged in a Docker image for easy deployment.
- E-Commerce Backend (Golang): Built a scalable e-commerce backend in Golang, implementing user authentication, product catalog, cart, and order management using REST APIs and database persistence. Designed modular service components with a focus on clean architecture, performance, and extensibility storage.

Awards and Certificates

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