Ankush Singh Bhagaur

Software Engineer - Backend

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○ https://github.com/InYuusha 🔗 https://inyuusha975.netlify.app

EDUCATION

Bharati Vidyapeeth Deemed University College of Engineering Pune,   07/2019 – 04/2023 | Pune, India
Bachelor of Technology - Electronics & Telecommunications
Final Year Project: Developed a lung disease prediction model using Python, Scikit-learn & Flask.

PROFESSIONAL EXPERIENCE

Intangles, *Backend Developer*   07/2024 – Present | Pune, India
- **Diagnosed and resolved critical memory leaks** in Go applications using pprof and runtime profiling, reducing memory consumption by 45% and eliminating application crashes during peak traffic periods.
- **Built robust event-driven microservices** using Golang, RabbitMQ exchanges, and NATS.io 🔗 with goroutines for concurrent processing, enabling seamless inter-service communication with 99.9% uptime
- **Engineered high-performance RESTful APIs** using Gin framework with comprehensive middleware for input validation, rate limiting (go-limiter), and JWT-based authentication, handling 50,000+ daily requests with sub-100ms response times
- **Database Integration:** Optimized PostgreSQL queries using GORM and pgx driver, implementing connection pooling and prepared statements, reducing database response time by 35%

Samespace, *SDE I - Backend*   06/2023 – 05/2024 | Mumbai, India
- **Led backend development for Avenue** hiring platform using Golang, implementing clean architecture patterns with dependency injection, serving 3,000+ candidates with real-time data processing
- **Orchestrated strategic migration from MongoDB to ScyllaDB** using Go drivers, implementing efficient data models and query optimization, achieving 40% performance improvement in high-throughput operations
- **Deployed and managed Golang applications on AWS** using ECS, EC2, and RDS with auto-scaling groups, implementing health checks and graceful shutdowns, improving system reliability by 60%
- **Developed GraphQL APIs** using gqlgen with custom resolvers and data loaders, implementing efficient query batching and caching strategies, reducing API response time by 50%
- **Implemented OAuth 2.0 authentication system** with Google Calendar API integration, enabling real-time interview scheduling and automated notifications

Secure Blink, *SDE Intern*   08/2022 – 11/2022 | Remote
- **Developed and deployed 15+ highly scalable RESTful APIs** using AWS Lambda, Node.js, and Serverless Framework with comprehensive error handling.
- Designed a **CI/CD pipeline using Jenkins, Docker, and GitHub Actions** , improving deployment efficiency.
- **Integrated comprehensive API security** with input sanitization, rate limiting, and authentication middleware for production-ready applications

SKILLS

Programming Languages — Golang, Node.js, JavaScript, Python, **Frameworks & Libraries** — Gin, Echo, Fiber, Gorilla Mux, GORM, **Cloud & Infrastructure** — AWS (EC2, ECS, Lambda, RDS, S3), Docker, Kubernetes, Serverless Framework, **Message Queues** — RabbitMQ, NATS.io 🔗 , **API Development** — RESTful APIs, GraphQL, JWT, OAuth 2.0, API Security, **Caching & Performance** — Redis, Session Management, Performance Optimization, Load Balancing, **Monitoring & DevOps** — Jenkins, GitHub Actions, CI/CD, Application Monitoring

PROJECTS

CI/CD Pipeline 🔗
- Designed and implemented a **GitHub Actions CI/CD pipeline** for containerized backend services
- Automated infrastructure provisioning using **Terraform** (IaC) for consistent Azure deployments
- Configured **Dockerized application deployments** to Azure Container Instances.

System Utility (Desktop Application) 🔗
- Built a Linux-based desktop application for **real-time CPU & memory monitoring** , including **Docker container** & network insights.