Amit Kumar

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PROGRAMMING SKILLS

- **Languages**: Golang, JavaScript, Nodejs, React, SQL, NoSQL, HTML, CSS
- **Technologies and Frameworks**: Gin, Grpc, Express, Gorm, Sqlc, Nats, PostgreSQL, MongoDB
- **Cloud Technologies**: AWS, Microservice, Distributed Systems, Docker, Kubernetes, CI/CD, DevOps Tools

EXPERIENCE

- **Bodymapp Pvt Ltd** — Sydney, Australia
  Software Engineer (Golang) - Contractual Work — *Jan 2023 - Apr 2023*
  - Led the design and development of multiple enterprise-level microservice applications of a Bodymapp fitness application backend, Build a complete Affiliate backend System using the latest technologies of Golang, Gin, Postgres, Docker, Aws Ecs and other cloud technologies.
  - Designed and implemented highly scalable APIs, logging infrastructure, testing and background workers for managing third-party modules, resulting in increased system performance and improved operational efficiency.
  - Continuous integration/development pipeline integration, pull requests, code reviews unit testing.

- **W3villa Technologies Pvt Ltd** — Noida, India
  Software Engineer - Full time — *Feb 2022 - Jan 2023*
  - Led the end-to-end development of multiple projects, from identifying system and client requirements to managing partner dependencies, workload balancing, software implementation, engineering, testing, and configuring metrics, alarms, monitors, and dashboards.
  - Designed and developed the backend in a microservice architecture using the latest technologies of Golang, Gin, Postgres, Nodejs, MongoDB, Docker, Kubernetes, Aws Eks, Ecr and other cloud technologies
  - Integrated the Continuous integration/development pipeline in existing projects, unit testing, deployment, and code review.

- **Psiborg Technologies Pvt Ltd** — Noida, India
  Software Engineer - Full Time — *Feb 2021 - Feb 2022*
  - Designed and implemented a real-time multiplayer Game server in a microservice architecture using Golang, Gin, Nodejs, MongoDB, Nats, Docker, Kubernetes and Aws Eks and other cloud technologies.
  - Developed a full-stack IoT project using React, React-Native, Node.js, MongoDB, and AWS technologies to handle real-time data from multiple sensors with thousands of active users.

- **YNG Media Pvt. Ltd.** — Gurugram, India
  Software Engineer - Full Time — *Jan 2020 - Aug 2020*
  - Successfully modernized an application by transforming legacy code into a new React and Node.js layout.
  - Demonstrated expertise in unit testing by writing test cases with a 90% code coverage and effectively debugging existing projects.

PROJECTS

- **Deploying Infrastructure for Web Application on Amazon EKS** Successfully utilized Kubernetes services on the cloud, specifically Amazon Web Service EKS, to launch and scale a web application with a load balancer. Implemented auto-scaling to optimize application performance and ensure seamless availability.
- **Automation using Kubernetes from Developer to Production System for CI/CD** Designed and deployed a robust banking system on AWS EKS using GitHub Actions Continuous Integration/Deployment, and integrated automated testing and deployment workflows. Utilized Golang, Gin, gRPC, PostgreSQL, Docker, Kubernetes, and other cloud technologies to create efficient and scalable solutions. Wrote comprehensive unit test cases for both database and API levels to ensure optimal code quality to enable seamless deployment and management of the application.

EDUCATION

- **Maharashi Dayanand University(MDU)** — Haryana, India
  (B.E in Computer Engineering) — *August 2015 - October 2019*

- **Govt. Sarvodaya Bal Vidyalaya(GSBV)** — Delhi, India
  (Central Board of Secondary Education) — *May 2014 - April 2015*