

Naman Balaji

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TECHNICAL SKILLS

Languages: Golang, Rust, Java, JavaScript/TypeScript, Python

Databases: MySQL, PostgreSQL, DynamoDB, MongoDB

Developer Tools: Git, AWS, Terraform, Docker, Kubernetes

EXPERIENCE

Software Engineer

Oct. 2022 – present

AppLike Group GmbH (JustTrack)

Hamburg, DE

- Developed and maintained microservices and data pipelines for Justtrack's marketing automation and user acquisition platform using Golang, MySQL, DynamoDB, SQS/SNS and S3. Also used terraform for infrastructure creation and ECS for deployments.
- Designed and developed a scalable async microservice for efficient resource creation and lookup. Used Redis and DynamoDB, integrated with SQS for processing large number of requests fast and maintaining consistency.
- Implemented a concurrent cron server for ingesting spend data from various sources, added a helper service for mending the data and writing to SNS where it got consumed by lambda functions and written into a kinesis stream.
- Orchestrated seamless migration of legacy data to an updated format, ensuring minimal disruption of a high impact service during the switch.

Software Development Engineer Intern

Jan. 2022 – Jul. 2022

Zscaler

Hyderabad, IN(Remote)

- Developed and refactored a RESTful management service bridging the main database with the customer-facing administration UI.
- Reduced time spent on operational tasks by developing scalable APIs to batch process entities and optimizing existing database calls.
- Used technologies like Java, Spring Boot, Hibernate and postgresSQL. Deployed services in various environments using AWS ECS.

Software Engineer Intern

Mar. 2021 – Jun. 2021

Argonaut

Sunnyvale, CA(remote)

- Developed a microservice using Golang, k8s API and PostgreSQL as a database for a fully managed PaaS that lets users automate DevOps and manage resources within AWS.
- Designed and implemented a solution facilitating the automated creation and deletion of diverse cloud resources, including clusters, node groups, and S3 buckets by Leveraging Terraform and Kubernetes Jobs.
- Contributed to the development of key features, including automated deployments and application installations, utilizing Kube client SDK and Helm SDK for streamlined processes.

Software Developer Intern

Oct. 2020 – Dec. 2020

Quickwork

Mumbai, IN(remote)

- Developed connectors, callable webhooks and integrated thrid party APIs using Node.js and JavaScript providing users with proactive responses to events enhancing their business workflow automation.

EDUCATION

Manipal University

Jaipur, IN

Bachelor of Technology in Computer Science and Engineering

Jul. 2018 – Jul 2022

PROJECTS

Keynetic | Golang, Docker

- Developed a sharded causally consistent, always available, and partition tolerant key value store. The server can dynamically assign new nodes to shards, and re-shard the entire system. Causal Consistency is implemented using vector clocks.

Blockchain based Certificate Validation | Node.js, Solidity, MongoDB, React

- Web app that verifies certificates by maching the hash of the certificate stored on the blockchain