



Kaarthik Rao Bekal Radhakrishna

Software Developer

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Competencies

Go • C#

SQL • \LaTeX • Java

k8s • Alexa • JS

Languages

English

German

Interests

Running, Automobiles, Travelling and Food.

Experience

- Feb 2021 **Platform Engineer** Opinary, Berlin, Germany
 - As a platform engineer my work is at the intersection of backend development and devops.
 - Stack:** Go, GCP, k8s, App engine, PubSub, MySQL.
- July 2018 **Go Developer** travel audience, Berlin, Germany
Jan 2021
 - Developer in the team that maintains microservices that enables the managers to setup Ad campaigns.
 - Single-handedly migrated REST endpoints to GraphQL queries and mutation which reduced latency by 20% while lowering infrastructure costs.
 - Co-maintain the CI server to use the latest tooling and libraries.
 - Authentication and authorization using OAuth2.0, OIDC and RBAC. Replaced archaic proprietary authentication and authorization system with OIDC and RBAC which resulted in improving customer happiness while improving code quality and reducing technical debt.
 - Stack:** Go, GraphQL, gRPC, Docker, k8s, GCP.
- Mar 2016 - **Student Go Developer** Diebold Nixdorf, Paderborn, Germany
Dec 2017
 - Developer in the Research & Innovation department.
 - Co-developed a Go wrapper for NXP's NFC Reader Library.
 - Built an Amazon Alexa skill in Go which controls TV screens and dispenses cash from an ATM.
 - Fixed bugs in the implementation of a proprietary encryption algorithm.
 - Stack:** Go, Nim, MQTT.
- July 2011 - **Full Stack Developer** Sonata Software, Bangalore, India
Sept 2015
 - Co-developed a multi-tenant document management system which facilitated tag-based document access along with search capabilities.
 - Designed and developed a solution which filters rules based on certain combinations, from a collection of more than 500,000 rules.
 - Stack:** C#, Windows Azure, LINQ, MVC3/4, ASP.NET, ADO.NET, Entity Framework, jQuery, AngularJS CSS, HTML, Solr.

Education

- Oct 2015 - **MSc., Computer Science** University of Paderborn, Germany
July 2018
- Sept 2007 - **BE., Information Science** Visvesvaraya Technological University, India
July 2011

Open Source Contributions

- Go plugin for Visual Studio Code** - Active contributor to the popular go plugin for Visual Studio Code.
github.com/golang/vscode-go
- VisuFlow** - An Eclipse plugin for developing Static Analyses using the Soot static analysis framework. A [technical paper](#) was published based on this tool.
github.com/VisuFlow

Achievements

Completed the 2019 edition of the Berlin Half Marathon.