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

July 2018   **Go Developer**   travel audience, Berlin, Germany

- Developer in the team that maintains microservices that enables the managers to setup Ad campaigns.
- Migrated REST endpoints to GraphQL queries and mutations.
- Design, develop and maintain a host of gRPC endpoints.
- Co-maintain the CI server to use the latest tooling and libraries.
- Authentication and authorization using OAuth2.0, OIDC and RBAC.
- **Stack**: Go, GraphQL, gRPC, Docker, K8s, GCP.

Mar 2016 - Dec 2017   **Student Go Developer**   Diebold Nixdorf, Paderborn, Germany

- Developer in the Research & Innovation department.
- Co-developed a Go wrapper for NXP's NFC Reader Library.
- Built a REST wrapper for Shared libraries using Nim.
- 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 - Sept 2015   **Full Stack Developer**   Sonata Software, Bangalore, India

- 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.
- Migrated a data-intensive commercial web application from jQuery to AngularJS.
- **Stack**: C#, Windows Azure, LINQ, MVC3/4, ASP.NET, ADO.NET, Entity Framework, jQuery, AngularJS CSS, HTML, Solr.

Education

Oct 2015 - July 2018   **MSc., Computer Science**   University of Paderborn, Germany

Sept 2007 - July 2011   **BE., Information Science**   Visvesvaraya Technological University, India

Open Source Contributions

- **Go plugin for Visual Studio Code** - Active contributor to the popular go plugin for Visual Studio Code.
  github.com/Microsoft/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
- **go-nxprd** - GO wrapper for NXP's NFC Reader Library for the Raspberry Pi.
  github.com/hohlerde/go-nxprd

Achievements

Completed the 2019 edition of the Berlin Half Marathon.