arvind kumar
software engineer
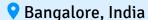
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 EnKrypt

📋 summary

I solve real-world problems with software. I specialize in leading the engineering of a product to drive business growth. I also enjoy writing about tech and love giving talks.

👔 experience

Quintype - Lead Engineer 📍 Bangalore, India   Oct 2020 - Oct 2021

- Led the engineering of Ahead, a customizable frontend on top of the Quintype CMS which grew by 5x in number of customers and 20x in pageviews generated under my leadership.
- Took charge of the effort to improve website performance via server side rendering and progressive hydration that resulted in a 2x improvement in pagespeed and core web vital scores across customers.
- Reduced reported bugs by 18x and consequently improved metrics on customer satisfaction:
  - Called attention to stability issues and obtained buy-in from management to address it.
  - Balanced tech debt cleanup alongside building new features as a temporary measure.
  - Bridged gaps in the QA process by introducing designer acceptance sign-off and prioritized writing of automated test scenarios.
- Mentored a team of six engineers with biweekly one on ones to discuss interests, growth and learning paths.

Crio - DevOps Engineer 📍 Bangalore, India   Feb 2020 - Oct 2020

- Saved over 10,000 USD per month in cloud expenses by optimizing AWS infrastructure.
- Built new infrastructure using Terraform spanning a dozen services and over a hundred concurrent servers.
- Created QKart, a React learning experience that is now sold as part of the product and has been utilized by over a thousand customers till date.

Independent Consultant 📍 Remote   Sep 2017 - Present

Clientele include local and remote startups. Apart from owning and executing development of software, I have also catered to several roles that include engineering mentorship, software architecture consultancy, disaster recovery, creating educational material and hiring engineers.

Some domestic clients I've consulted for in-house:

Ownpath   Ideogram   Zysk Technologies   OutreachCircle

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Geektrust - Full-stack Engineer 📍 Bangalore, India   Oct 2016 - Oct 2017

- Proposed, got buy-in and implemented a microservice to instantly display updates to users' job applications in real-time.
- Evaluated candidate code submissions and assigned scores based on metrics such as performance, readability, testability, etc.

Pickcel - Web Developer 📍 Bangalore, India   Sep 2015 - Oct 2016

- Drove the frontend and backend development of a real-time healthcare appointment scheduling and management platform.
- Constructed an inventory management frontend for customers to book advertisement slots on public screens throughout India.

🚀 proficiency

Frontend:
- React
- Gatsby, Next
- Typescript

Backend:
- Node.js
- GraphQL
- Serverless

DevOps / SRE:
- Terraform
- Packer
- Ansible
- AWS, GCP, DO

💡 projects

- **Doppler** - A zero configuration remote monitoring tool.
- **DiscordEncryption** - Configurable end to end encryption for Discord.
- **ISS Flyby Alert** - A React Native application to receive alerts for International Space Station flybys at your location.
- **Cardio** - A Node.js module that measures how long an async function takes to run as a performance metric.
- **Shill** - A remote management Discord bot for easy shell access.
- **Botato** - A personal bot for easy remote management over a network.
- **TeamSpeakBot** - A bot to manage playing audio and music on TeamSpeak servers using commands.

🧪 open source

Contributed to and maintained numerous open source tools and libraries, including popular projects such as Gatsby, Terraform and DNSCrypt.
Refer to my Github pull request history for more details.