Arun Purushothaman

Software Engineer

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Engineer with 3 years of experience, building products from the ground up ranging from SaaS to Fin-tech products. As a co-founder and a consultant engineer, I have worked with a wide variety of stacks and has worked on all the stages of software development life cycle.

💼 Work History

2019-06 - Current

Sr Backend Engineer
Hatio Innovations Private Limited, Mumbai, Maharastra

- Worked on EMVCO 3DS 2.0 project at Hatio.
- Architected and build the core framework which acts as a base platform for our 3DS and ACS servers.
- Our framework included channel agnostic inter service communications layer, configurable validations framework, unified exceptions transformation framework et al.
- Built the encryption manager that handles secure message transport as per EMVCO specification.

2019-05 - 2019-06

Sr Backend Engineer (Contract)
Hortari Technologies Pvt Ltd, Bengaluru, Karnataka

- Architected and built an inventory, invoice and tax management system for FluidSales by Hortari.
- The solution was designed to be converted into a SaaS offering with features like custom domain support, multi tenancy, custom databases and reporting.

2016-05 - 2019-05

Co Founder / CTO
Sieve Inc, Palo Alto, California
Sieve 1.0

- Architected and built Sieve 1.0, a curated freelancing platform which connects freelancers to their customers.
- As the sole developer on the project, I was tasked with building the front end (html, css, javascript) as well as the backend in Django and html/css
- Our features included payment-processing, freelancer-customer matching,

project-health monitoring and management workflows.

Sieve 2.0

- Designed and co-coordinated the development of a SaaS version of our existing product which later became our pivot **Sieve 2.0.** Trained our new recruits in Java and javascript.
- Designed and built a headless chrome render pipeline and a domain specific templating language for our internal needs with our javascript team.
- Designed our user based frontend loading system, which loads a different react-application based on the user allowing us to reduce the payload size.
- Managed the dev-ops pipelines which including a Jenkins based CI/CD pipeline.
- Trained our new recruits in Java and javascript.

Education

2012-06 - 2016-06

Bachelor of Technology: Computer Science And Engineering
Federal Insitute Of Science And Technology - Angamaly
- Built a whatsapp bot to provide football updates [2012]
- Google Student Ambassador [2013]

Languages

Java

Python

Javascript

Frameworks and Softwares

- Springboot
- Flask
- Django
- Bash
- AWS Cloud
- Jenkins

Skills

Object Oriented Design

Domain Driven Design

Project Management

Teamwork

Written and verbal communication skills