

Srikanth Vemaraju

Newcastle, United Kingdom
srikanth.vemaraju@gmail.com

- 10 years of experience in Backend Engineering, Data and DevOps.
- SQL, Python, Go, Javascript
- pandas, dbt, Luigi, sqlalchemy
- PostgreSQL BigQuery, DynamoDB, redis, Kubernetes, Terraform
- Google Cloud, AWS, Azure
- Currently in the UK on a Skilled Worker Visa

~ Work Experience ~

- | | | |
|---|-----------------------|---------------------|
| Lead Software Engineer | Hedgehog Lab, UK | Aug 2021 - Present |
| <ul style="list-style-type: none">• Improved a critical part of the production data pipeline; increasing throughput by 33x.• Optimized backend services for a consumer fitness app, resulting in 3x faster content delivery and improved user experience.• Led the backend development of a SaaS product involving distributed services, real time data processing and highly bespoke business rules.• Worked on various technical tasks like workout calendar, participation tracking, real-time user dashboard, performance monitoring and load testing• Mentored team members, conducted design reviews, and facilitated pair programming sessions to foster skill development and code quality. | | |
| Senior Software Engineer | HSBC Technology India | Nov 2019 - Jul 2021 |
| <ul style="list-style-type: none">• Built an event-driven system to automate retiring non-compliant cloud resources, reducing manual effort by 20%.• Led migration of Terraform configurations, resulting in 100% automated deployment for over 1000 platform projects.• Developed an automated pipeline for project onboarding, streamlining operations and reducing workload by 30%.• Presented technical talks on Python and platform improvements to internal stakeholders, contributing to knowledge sharing and team development. | | |
| Software Engineer | Hedgehog Lab, India | Dec 2017 - Oct 2019 |
| <ul style="list-style-type: none">• Developed serverless applications on AWS Lambda, including a vendor portal for a food delivery company and a content recommendation algorithm for a social network.• Improved load times for a chat application by optimizing backend services, resulting in a 13-second reduction in response time.• Recognized as a key contributor for supporting the team on various tasks and initiatives. | | |

Software Developer

Fairfest Media Ltd

June 2016 - Nov 2017

- Designed a multi-tenant database architecture for a SaaS application, ensuring scalability and data isolation.
- Built APIs for professional networking and hotel booking applications, serving tens of thousands of users.
- Led cloud deployment efforts involving EC2 and AWS Lambda, ensuring reliable and scalable infrastructure.

Programmer Analyst

Cognizant

May 2012 - July 2014

- Contributed heavily to internal error logging framework written in PL/SQL
- Was the 'Top Learner' in my business unit for having highest learning credits

~ Other ~

You can read my blog here - <https://svemaraju.github.io/archives.html>

~ Education ~

VIT University, Vellore

June 2008 - May 2012

- Bachelors in Electronics and Communication Engg. (GPA 8.27/10)