

Alok G Singh

Personal details

205 Metropolitan Apartments,
Spencer Road
Bangalore 560005
INDIA

Mobile: +91 98866 39360
E-mail: alephnull@gmail.com

Nationality: Indian

Work experience

- 06/2019–present DevOps at tyk.io (<https://tyk.io>)
Technology stack is Go, terraform, AWS, k8s, longhorn, Github Actions, MongoDB, redis. Responsible for automation and internal tools and supporting our SaaS offering.
100% remote team, spread across the globe. Built team, planned and executed DevOps transformation.
- 07/2018–05/2019 CRE at Canonical (<https://canonical.com>)
Technology stack is Openstack, k8s, AWS. Orchestration is done by juju. We support a global managed cloud offering.
100% remote team, spread across the globe.
- 08/2016–04/2018 Co-founder at <https://wobe.co.id>.
Technology stack used was Go, React-Native, RabbitMQ and Firebase Cloud Messaging. RoR for the administrative application. The infra runs on AWS ECS and Lambda and is managed via terraform.
100% remote development team, spread across the globe (Venezuela, Indonesia, India). Built team from scratch.
- 08/2010–02/2016 Employee 2 at a product startup <https://calm.io>. Funded by Sequoia Capital and acquired by Nutanix Inc in July 2016. Responsible, at various stages, for Engineering, support and professional services.
Technology stack used was Python, ØMQ, YUI/JavaScript, MongoDB and PostgreSQL.
- 06/2009–08/2010 IT management at Karnataka Learning Partnership (<http://klp.org.in>). Designed data entry platforms, printed forms, conducted audits and built software infrastructure. Managed a team of remote consultants and volunteers.
- 02/2008–11/2009 Co-founder of an Internet startup (wevouch.com). Responsible for development, design and project management. Team of four people who collaborate across the globe using IM and phones.

Technology stack used was mod_perl2, JavaScript and MySQL.

11/2004–02/2008 Member of Technical Staff at C-DAC (<http://cdac.in>). Responsible for development, design and project management. Lead a team of 5 people. The work was mainly in the areas of large-scale parallel, distributed and grid computing.

Technologies used were MPI, Globus Grid, BOINC.

06/2001–06/2004 Developer at IBM India. Responsible for development, and testing. Worked on a large data presentation application for AT&T with a web-based front end developed using Java and Oracle. Backend processing was done with Perl.

I won an IBM Bravo award for my contributions to the project.

Proficiencies

Operating systems GNU/Linux, Solaris, AIX, Microsoft Windows

Programming languages C, C++, Perl, Python, JavaScript, Go, zsh

IaaS terraform, AWS CloudFormation

Markup Markdown, L^AT_EX, HTML and CSS

Development GNU Emacs, see <http://git.alephnull.site/cgit.cgi/dotfiles.git/tree/emacs/elisp>

Educational details

1997–2001 Bachelor of Technology in Electronics and Communication at NIT Calicut (<http://www.nitc.ac.in>). First class degree.

1995–1997 Indian School Certificate Examination at Mallaya Aditi International School, Bangalore.

1995 Indian Certificate Of Secondary Education Examination at St. Joseph's Boys' High School, Bangalore

Interests Recreational mathematics, classical music, swimming, cooking.

India, July 29, 2022