Soumya Deb

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Architect at Fireflies.ai

Infrastructure Lead [Jan 2021 - Present]: built Fireflies' infrastructure as a global ensemble of SRE, DevOps, DBOps & InfoSec sub-teams, to meet SLO with 24x7 on-call uptime from Jakarta to Rio; led Kubernetes migration, with end to end observability setup, revamped cloud native CICD, data privacy & security compliances, roadmapping for 2022.

Site Reliability Engineer [Oct-Dec 2020]: handled 100x scale up with 100,000+ users; 2021 infrastructure roadmap.

DevOps Engineer [Apr-Sep 2020]: Terraform AWS deployment, realtime streaming ASR pipeline, Kubernetes setup PoC.

Full Stack Engineer [Jan-Mar 2020]: media storage efficiency, integrations, serverless, org planning & policies.

Prior Experiences

DoSelect — Bangalore, 06/2018 - 12/2018

Senior Software Engineer: Fullstack developer team lead. Performance, optimization & renovation.

Red Hat — Pune & Bangalore, 08/2012 - 05-2018

Software Engineer [2016-2018]: OpenShift Planner app.

Technical Product Manager [2014-2016]: Internal analytics & monitoring tools. Unified SDS manager for Gluster & Ceph.

Software Engineer [2012-2014]: Frontend lead of Red Hat devtools' cross-referencing tool, called *source browser*.

Also previously, **Software Engineer** at MQuotient (2011-2012), **Principle Webmaster** at Olyvious Net Trading (2011), **Software Engineer** at Nexshore (2010-2011), and **Junior Writer** at ThinkDigit of 9.9 Media (2010).

Other Endeavours

Volunteer Community Leader at **Mozilla** since 2010

Developer Contributor turned 1000x Community Builder turned DevRel, Tech Speaker, and everything inbetween.

Co-founder, Director & CEO at **Applait** since 2014

An unconventional startup, focused on the web platform, real time communications & technological singularity.

Co-founder, Director & CTO at **NexVend** 2012-16

A tech consulting startup, offering web design, development, deployment & management services.

Technical Skills

Polyglot programmer, proficient in JavaScript. Well versed in Python, PHP, Ruby etc. New to Go & Rust.

Software generalist, with a knack for architecture, API design, infrastructure, performance optimization.

Multimedia expert, as 2D/3D animation, VFX, cinematics etc. multi-format visual media producer.

Hardware hacker, salvage & upcycle old hardware, self-taught RF, logic & power electronics designer.

Soft Skills

Seasoned **public speaker** with 1000+hrs of speaking experience across the globe.

Accomplished **mentor & leader** of functionally, culturally & geographically diverse teams & talents.

Versatility with **performing & fine arts**; from sketch, paint, sculpt, to stage adaptation & performance.

Built & led teams in theatre group, music band & even in competitive online video game (Dota 2).

Academic Details

Post graduation in Computers from WBUT in 2010

Animation & VFX diploma from Cambridge in 2009

Graduation in Physics [Hons] from NBU in 2007

Extracurricular Interests

Competitive & multiplayer **video gaming**

Salvaging & making electronic utilities

Writing about futurism, metaphysics etc.