

Shriram Santhanam

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With over 8 years of experience developing applications and hardware solutions, I've worked with 90+ brands & startups - From helping them clean up their tech debts to building million-dollar MVPs for a seed round and everything in-between.

Professional Experience

Software Engineer, *Alivecor*  2021 – present

- Built a full-fledged web-based Annotation tool for IDTF (Independent Diagnostic Testing Facility) workflows.
- Setup efficient CI/CD build pipelines for applications.
- Apart from building features and resolving bugs on weekly sprints,
 - Took the initiative to clear most of the tech debts.
 - Upgraded a lot of legacy codebases.
 - Developed a number of POCs and proposals.

Founder | Head of development & design, *Ankor*  2014 – 2021

- Built a suite of products for the Indian ed-tech market.
- Built XAM – An online assessment platform with industry-leading AI for proctoring assessments.
- Established a consultancy business with over 60+ clients to bootstrap the product business.
- Established an IoT Division in which we developed in-house IoT devices and the required software stack to solve day-to-day problems in industries & factories.
- Headed engineering operations during which I had:
 - Worked on 35+ Websites
 - Worked on 25+ Native and Web Apps
 - Built 5+ IoT devices and their software stack
 - Worked closely with 90+ Clients.

Skills

Frontend

HTML, CSS, JS, TS, React, Redux, Electron, Vue, Webpack, Babel, Vite, D3, Bootstrap, MaterialUI

Tools / Technologies

Bash, Git, Travis, Gitlab, Docker, K8s, Nginx, Apache, Postman

Server Technologies

AWS, Azure, GCP, Digital Ocean, Heroku, Firebase

Backend

Go, NodeJS, ExpressJS, Fastify, GraphQL, Prisma, Mongoose, PostgreSQL, SQL, MongoDB, Redis, Django, Flask, PHP, Laravel

Design Tools

Photoshop, Illustrator, Figma, XD, Sketch

Projects

HS Associates, Bangalore, India, Automation & IOT

- Full Stack Engineer for an Industrial Automation for GREA Roof under HS Associates.
- Designed, manufactured & fabricated a production monitoring device.
- Built the software stack to communicate with the device and visualize the production metrics

Technologies: ESP32, Raspberry Pi 4, Sensors, Tinker CAD, LoRa WAN, REST API, MongoDB, InfluxDB, Node.js, Vue.js, Flask, Unicorn, NGINX, Docker, AWS, G-Suite, Grafana, Slack Integrations

TEDxChennai 2019, Web App & Digital Marketing

- Headed the design and development of Asia's 2nd largest TEDx event under Ankor.
- Built an interactive website to create buzz about the event.
- Developed a scalable platform to book tickets for the event.
- Guided various creative designs for social media marketing.



Technologies: HTML, CSS, JS, jQuery, Bootstrap, cPanel, Linux Server (Ubuntu), PHP, MySQL, Photoshop, Illustrator, Domain and Hosting management, Cloudflare CDNs, and DNS.

Anmol By Ani, Web App, Mobile App & Digital Marketing

- Built a website and a mobile application under Ankor.
- Strategized digital marketing for better brand reach.
- Appreciated by a lot of Indian celebrities notably Karan Johar, Vishal, Hansika Motwani, HipHop Tamizha and many more.

Technologies: WordPress, WooCommerce, Plesk, Angular, Node.js, MongoDB, Firebase, Google Analytics, Ubuntu, Android Studio, After Effects, Photoshop.


Special Mentions

- Mentored Startup Weekend '19 CEG edition by Google's Winners on branding.
- Worked with Tamil Nadu government for TNIGC as the head of the tech team.
- Worked with PVR Cinemas (Formerly SPI), India. 
- Interned with OnePlusOne solutions, Dubai.
- Interned with Foray soft Global. 

Publications

4 Research Papers published in the field of computer science

2 Papers on IEEE & 2 on Scopus Indexed Journal

Download: <https://shriram29.github.io/Publications/> 

Education

BTech Computer Science, SRM University 

2016 – 2020

Portfolio

<https://🌐.web.app> (or) <https://ss.ankor.us> 