

# Sai Htun

Website: <https://saihtun.xyz> | Github: <https://github.com/SaiHtun>  
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## Education

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### Hack Reactor ( Sept 2019 - Oct 2019 | San Francisco, CA )

- *I took the preparation course for the Software Engineering Immersive program, I passed the technical assessment exam and qualified for the program, but due to COVID-19, I decided not to join and ended up studying by myself.*

### Certificate ( Aug 2018 | Yangon, Myanmar )

- *VCP-DCV 6.5 ( VMware Certified Professional in Data Center Virtualization )*

### Major ( Feb 2009 - Dec 2012 | Taunggyi University, Myanmar )

- *Bachelor of Science in Physics*

## Web application projects

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### Outstagramm

- Website: <https://outstagramm-2bbb5.web.app> | Github: <https://github.com/SaiHtun/outstagramm>
- Instagram clone, built with **React & Firebase**
- Features include CRUD operation over Post, Comments, Likes.
- Constraint features, only the post and comment's owner can delete the post and comments, but the post owner can delete any comments under its post.
- Utilized Firebase auth, hosting, and real-time database to achieve instant posting, commenting, liking, deleting without requiring to send extra network requests on every after CRUD operation or integrate with WebSocket.

### Telemartmyanmar

- Website: <https://www.telemartmyanmar.com/> | Github: <https://github.com/SaiHtun/telemartmyanmar>
- My very first commercial web app was built for a mobile phone distributor in Myanmar, currently, the app works as a LookBook and is intended to turn into an E-Commerce website in the future.
- Built with **React, GraphQL, GraphCMS & Vercel**, by the way, it's so hard and almost impossible to improve the SEO with React SPA, thus I might switch it to SSR/SSG solution like Nextjs in the future.
- Using GraphQL to query the specific chunks of data where it's needed to improve the network request optimization, fully integrated with a native GraphQL powered content management system GraphCMS to make it easier to edit the content since the company doesn't have any IT people, the best part is there are no fees for the hosting or GraphCMS for basic usages.

### SPS business group

- Website: <https://spsbusinessgroup.com> | Github: <https://github.com/SaiHtun/sps-business-group>
- Business profile website for SPS business group from Myanmar, built with **Nextjs, GSAP & Vercel**
- Utilized the benefits of the static-site-generation feature of Next.js to generate a web page at build time to make it ready even before the request, thus it is much faster to load the web page and since it is rendered before we even request, it's easier for Google Crawler to index the web page to improve SEO.
- Other little fun projects: <https://saihtun-webdev.vercel.app/about> | <https://netflix-4af2d.web.app>

## Skills & Tools

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<b>Frontend</b>	HTML, CSS, JavaScript, React, able to adopt any libraries or framework quickly.
<b>Backend</b>	Node.js, RestAPI, GraphQLAPI, Backend as a service, ORM, SQL, NoSQL.
<b>Cloud</b>	Netlify, Vercel, able to adopt ( AWS / Azure / GCP ) for a larger project quickly.
<b>General</b>	Figma ( prototyping ), Linux, Networking, Virtualization, Containerization.
<b>Learning</b>	TypeScript, GraphQL, ApolloGraphQL, Nexus + Prisma.