Darin LOH

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SKILLS

- **Programming languages:** Typescript, Javascript, Ruby, SQL, HTML, CSS, Java, Python, C++
- **Framework / Library / Tools:** React.js, React Native, Redux, Tailwind, Material UI, Next.js, Node.js, Express.js, Mikro-ORM, GraphQL, Postgres, Rails, Retool, Cloudflare, Supabase, MySQL, AWS, Firebase, Oauth2, AWS, Docker, Postman, Pandas, Datadog, Elastic, Sentry
- **Collaboration Tools:** Linear, Notion, Figma, Trello, Whimsical

PROFESSIONAL EXPERIENCES

Atlas | Software Engineer   June 2024 – Present

- Built ordering interfaces and PWAs for hundreds of restaurants through multiple clients such as kiosks, POS, Scan-to-order and online websites.
- Implemented web sockets with Cloudflare durable objects and subscriptions on Rails to allow for real-time order syncs.
- Worked on Atlas Loyalty to bring loyalty programmes to all ordering channels.
- Drove research and development on projects such as e-ink dynamic QRs and apple wallet/google pay loyalty cards.

Softdrive Technologies | Software Engineer   Aug 2022 – May 2024

Softdrive is a Cloud Computing company based in Toronto that provides Desktops as a service (DaaS)

- Developed a user admin dashboard using React.js, Redux, and Material UI for custom Remote Desktop Software.
- Implemented and maintained email/password (Firebase) and SSO (Cognito and OAuth 2.0) authentication.
- Engineered a multi-user DaaS interface with Node, Express and Mikro-ORM.
- Designed and handled migrations for scalable and secure Postgres Databases.
- Ensured system reliability and provided customer support when needed.

Temtech Temasek Hall | Frontend Engineer   Jan 2022 - Jun 2022

- Collaborating with project managers and developers in an Agile workflow to implement Temasek Hall's Web Application forum feature. Build on React.Js and Material UI.
- Worked on a mobile application in the second year using React Native, Express.js and Postgres.

PROJECTS

Darin's personal finance app   July 2024 - present

- My ongoing weekend project to help me track and analyse my spending habits!
- Built on Retools, this project also acts as a base for me to explore new technologies such as AI document processing and integrations such as telegram bots and IOS shortcuts.

Sparklers (EthWaterloo Hackerton Awardee) | Frontend Engineer   June 2023

- A Next.js and Tailwind CSS Web 3 app to change the way people understand users on the Spark Protocol by providing a comprehensive visualization dashboard focusing on user activities across all EVM-compatible chains.
- **Awards:** Airstack Best Use (Gold), MakerDAO Best Use (Bronze)

Lancers (NUS VIP Awardee) | Co-founder   Dec 2022 - July 2023

- Co-founder of the web app to help freelancers build their portfolios and aggregate their reviews across platforms.
- Built the platform with Next.js, Tailwind CSS and Firebase.
- Attended Collision 2023 under the Alpha Startup Programme.
- **Awards:** NUS Venture Initiation Programme

EDUCATION

National University of Singapore   Aug 2020 - July 2024

Bachelor of Computing (Honours Distinction) in Computer Science

- **NUS Overseas College Exchange:** One year exchange at the University of Toronto with a full time internship.
- **Relevant Coursework:** Software Engineering, Cloud Computing, Internet Architecture, Database systems.