ANDREW STARK

SENIOR FULLSTACK WEB ENGINEER

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PROFILE SUMMARY

A highly focused Senior Full Stack Web Engineer with 10 + years of experience in a variety of development projects. Organized, methodical and a keen eye for detail results in solid coding and a trustworthy program. Understanding client requirements and communicating the progress of projects are core values in achieving long-lasting business relationships. The experience and my academic education have provided me with some outstanding and technical skills.

EXPERTISE

Front-End Development
Back-End Development
Team Leadership

Database Management
Blockchain Tech

TECHNICAL SKILL

HTML / CSS / SCSS	GitHub / GitLab
Javascript	BitBucket
Typescript	Heroku
AngularJS	Vercel
ReactJS / Next.js	AWS
Vue.js / Nuxt.js	Docker
PHP / Laravel	Apollo / GraphQL
Python / Django	Solidity
Node.js	Smart Contract
Nest.js	Tokenomics
Express.js	NFT marketplace
React Native	DEX
Rust	DeFi
Golang	Remix
MySQL	Truffle
MongoDB	Hardhat
PostgreSQL	Opensea

LANGUAGE

Chinese

English

SOFT SKILLS

Critical thinking and problem solving

Fast Learner

Effective Time Management

Communication

Ability to Work in a Team

Ability to Work Under Pressure

EDUCATION

UNIVERSITY OF CALIFORNIA–BERKELEY 2011 – 2015
Computer science • 2011 – 2015
Bachelor's degree in Computer Science and Technology

Hong Kong University Of Science and Technology 2009 – 2011
Machine Learning • 2009 – 2011
My software engineering career has begun

WORK EXPERIENCE

Director of Technology   January 2018 – Present
United Hardscapes Inc
- https://unitedhardscapes.com
- https://jdlandscaping.net
- https://iron-hawk.herokuapp.com

Serving as the Director of Technology of United Hardscapes Inc. Oversee and develop all development projects since 2018. Acted as the main point of contact for client technology development as well as consultations on business development and strategy. Worked as an early-stage tech advisor and performed advanced integrations of multiple products and solutions.

Senior Web Developer   August 2021 – April 2022
Seidat Oy
- https://seidat.com

Senior Web Developer who was working on Meteor.js + React.js project based on the Nx monorepo architecture project. Resolved several technical problems and integrated Pipedrive and other third party services into the existing platform.
Worked under very strict code review. At the same time, I reviewed other pull requests and was able to improve my skills efficiently.

Smart Contract Developer   November 2021 – March 2022
HawkAyes NFTs(Jobhub Group)
- https://www.hawkayes.com

Side project of the Jobhub Group, enjoyed smart contract development while building the NFT Marketplace. Final goal is just publishing the De-Fi solution along with our token and NFTs. 20+ contracts were completed in the beta version, with unique tokenomics and wow-factor features. As an experienced engineer led web3.js integration stuff with detailed guidelines under the strict review.

Senior Software Engineer & Technical Advisor   May 2018 – February 2022
AmericaBuild Technology Inc
- http://www.americabuildtechnology.com
- http://demo.americabuildtechnology.com

The only developer of this organization who made the scalable infrastructure. Developed a B2B admin panel for permit management organizations so they can manage orders more efficiently, analyze agreements and projects without bias by using violin charts(d3.js) and so on. The landing page was built with WordPress so clients can rearrange contents easily. The admin panel, on top of the Fuse theme which is based on Google Material Design, has many complicated features and functionalities and complex graphs and metrics

WORK EXPERIENCE

Technical Advisor & Lead Developer   February 2015 - April 2021
Linalgo
- https://linalgo.com
- https://apps.apple.com/us/app/ace-it-smart-vocabulary-tests/id1531818610
- https://linash.com
- https://app.linash.com

Worked as a structural design engineer for numerous projects and as the Senior Backend Engineer for over 4 years. Created the main website and multiple mobile applications using modern technologies. Introduced new technologies and served as a presenter of the company mentoring system. Developed & worked on Amazon Web Services, where the services were used as the company's main infrastructure area. Not only the websites, but also mobile applications, along with a supporting admin panel.

Lead Developer & Senior Software Engineer   April 2016 - March 2021
Intelico
- https://forecourteye.net
- https://www.intelico.com
- https://one.intelico.com

Father of Intelico One Admin application. Designed a service-oriented architecture that was adopted company-wide. Managed development and led multiple engineering teams for various products. Worked on a variety of projects, from development to breach assessments and remediation to managing a global team of offshore developers. Managed the development and built the technical team from zero to five people.

React.js Developer   December 2018 - September 2019
Taks Inc(Company closed in 2022)
- https://taks.io (closed)
- https://apps.apple.com/us/app/taks-organize-lifes-projects/id1475329362?ls=1
- https://www.microsoft.com/en-us/p/taks-app/9n9l70hnk6bc

Designed and developed a distributed solution for a Ticket management service using React.js and Java Spring framework. Developed an Android/iOS application available on the Play Store and App Store. Published desktop applications which can be run on different platforms, and published it to the Microsoft App Store. Implemented a web application that allowed third-party vendors to integrate and manage their calendars in a single place, with controllable widgets.

Senior Angular Developer   October 2018 - September 2019
SHYFT Power Solutions Inc
- https://shyftpower.com
- https://exview.shyftpower.com
- https://connect.shyftpower.com/login
- https://apps.apple.com/us/app/shyft-exview/id1535073309

Worked as a structural design engineer for numerous projects and as the Senior Backend Engineer for over 4 years. Created the main website and multiple mobile applications using modern technologies. Introduced new technologies and served as a presenter of the company mentoring system. Developed & worked on Amazon Web Services, where the services were used as the company's main infrastructure area. Not only the websites, but also mobile applications, along with a supporting admin panel.

Frontend Lead Engineer   December 2016 – January 2019
SKAEL

- https://skael.com

Served as a core team member of a big data pipeline that consisted of billions of records, spanning many machines and petabytes of data. Developed core features that eventually led to the acquisition of the company. Developed company management admin panel, using Angular and other modern technologies. Built the Font-End of Babelsh - Real-Time Communication Web app similar with Slack, integrated with a strong Video Conferencing feature with ML/AI support.

Full-Stack Engineer   April 2015 – March 2017
ShipEZ Inc

- https://app.shipez.us/login

Designed the application architecture and built it using Typescript, Angular, and Nest.js. Led the developers completing code reviews to achieve maintainable and high-quality code. Integrated a real-time Web Socket to see all changes immediately. Mentored experienced developers who were new to Angular + Nest.js. Followed the Google Material Design and Fuse theme, while completing this project, contributed Fuse Theme as a contributor.
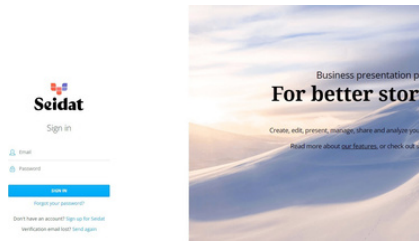
Angular Developer   December 2013 – April 2015
SohoMuse

- https://www.sohomuse.com

Developed a web app to manage active building maintenance from scratch. Fixed bugs and implemented new features per the requirements, under the technical guidance of the CTO. Meteor.js and Angular were the main technologies we built as an admin panel for musicians and artists who's not familiar with Linkedin and other online job platforms. Having such a large number of registered users from different countries. CEO was also a singer and songwriter.
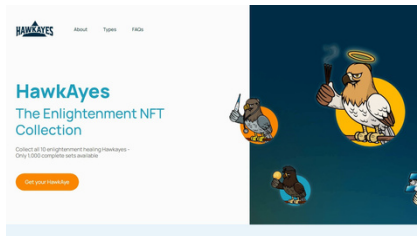
PROJECTS

Seidat Admin Panel
https://app.seidat.com/
(Aug 2021 – Present)
Platform For Winning Sales Flow
- Typescript, JavaScript, HTML, CSS
- Meteor.js, MongoDB, mongoose
- React.js, Meteor blame
- Docker, Kubernetes
- GCP , Amazon, Heroku
- GitHub, GitHub Actions
- Slack, Jira
- Swagger, Jira Confluence, Google Doc

United Hardscapes
https://unitedhardscapes.com
(Jan 2018 – Feb 2019)
Company website and Hardscaping kits marketplace with the admin panel
- Typescript, HTML, CSS
- Nest.js, PostgreSQL, TypeORM, Socket.io
- Tailwind CSS Unit Test, e2e Test
- Nest.js, React.js
- Route 53, S3 Bucket, EC2, Godaddy
- GitHub, GitHub Packages, GitHub Actions
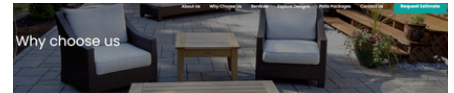- Slack, ZenHub
- Swagger, Google Doc

J & D Landscaping
https://jdlandscaping.net/
(April 2021– Aug 2022)
Company website and Hardscaping management portal for J & D Landscaping Ltd.
- Typescript, HTML, CSS
- Nest.js, PostgreSQL, TypeORM, Socket.io
- Angular, Bootstrap 4, Tailwind CSS
- Unit Test, e2e Test
- Route 53, Cloudfront, S3 Bucket, EC2, Godaddy
- GitHub
- Figma
- Swagger, Google Doc

HawkAyes NFTs
https://www.hawkayes.com/
(Nov 2021 – Mar 2022)
Smart contract development & web3.js integration
- Solidity, Typescript
- Smart Contract, Token, DEX, De-Fi, NFT
- Remix, Opeansea Tokenomics, NFT Marketplace
- BSC Network
- Web3.js, Next.js, Nest.js, React.js
- Tailwind CSS
- GitHub, Slack, ZenHub

Iron Hawk Website
https://iron-hawk.herokuapp.com
(Sep 2019 – July 2020)
Iron Hawk Insurance company website.
- Typescript, HTML, CSS
- Angular, Bootstrap 4, Material Design
- Heroku
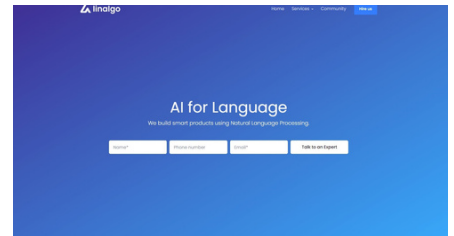- GitHub, Circle CI
- Invisionapp
- Slack

Linalgo Website
https://linalgo.com/
(Feb 2015 – Apr 2021)
Linalgo AI Software agency company website.
- JavaScript, HTML, CSS
- Express.js, MongoDB
- jQuery, Bootstrap 4, WordPress
- GCP , Heroku GitHub, Circle CI
- Figma

PROJECTS

SKAEL

https://skael.com/

(Dev 2016 – Jan 2019)

SKAEL admin portal, also company website landing page

- Go, Python, Java, JavaScript, Typescript, Rust
- Echo, Django, Express
- Node.js, Microservice architecture, PostgreSQL, B2B Model
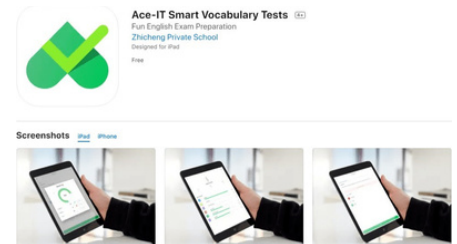- go.js, jsPlumb, Twilio, Vidyo.io
- Unit Test, e2e Test

Americabuild Technology Admin Portal

http://demo.americabuildtechnology.com

(May 2018 – Feb 2022)

Amerciabuild Permit management admin portal

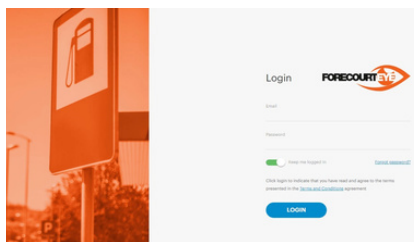- Java, Spring, PostgreSQL
- Docker
- B2B Model
- Unit Test, e2e Test

Ace it (Mobile App)

https://apps.apple.com/us/app/ace-it-smart-vocabulary-tests/id1531818610

(2019 Oct – May 2022)

- Python
- Django, PostgreSQL, Nest.js
- GCP GitHub, Circle CI
- Slack, ZenHub
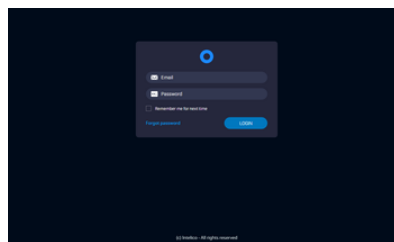- Swagger, Google Doc

ForecourtEye

https://forecourteye.net/

(Apr 2016 – Dec 2017)

Crime Report admin panel, for Forecourteye.

- C#, Typescript, HTML, CSS
- ASP.Net, Microsoft SQL
- Angular, Bootstrap 3
- Azure
- BitBucket, BitBucket Pipeline
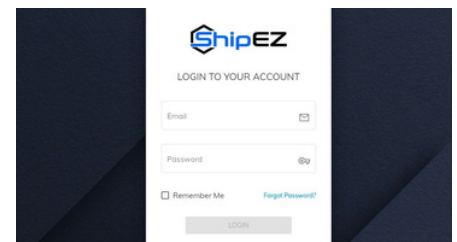- Invisionapp
- Slack, Trello
- Google Doc

Intelico One

https://one.intelico.com

(Aug 2020 – Feb 2021)

Intelico one, security assets management admin portal.

- C#, Typescript, HTML, CSS
- ASP.Net, Microsoft SQL
- B2B Model
- Angular, Bootstrap 4, os.js,
- Ngrx
- Azure BitBucket, BitBucket Pipeline
- Invisionapp
- Slack, Trello
- Postman, Google Doc

ShipEZ Admin Portal

https://app.shipez.us/login

(Apr 2015 – Mar 2017)

ShipEZ admin management portal

- Typescript, HTML, CSS
- Nest.js, TypeORM, PostgreSQL
- Docker
- B2B Model
- Angular, Material Design
- Unit Test, e2e Test
- GitHub, Circle CI
- Slack, Jira Conuence