Arnold Tang

Software Engineer

Edmonton, AB | (780) 506 8849 | arnold.tang3@gmail.com | arnoldtang.vercel.app | linkedin.com/in/arnta

Summary

Innovative Software Engineer with 7+ years of experience in developing Web Applications and Decentralized Applications in the software development field.

Participated in 16+ small to large projects and gained rich experience in most of the web technologies.

Proficient in both front-end side and back-end side and even have solid experience in Blockchain.

Work Experience

Freelance   May 2023 - Present

Software Engineer

- Airdrop creation of game token IDO project (Pegasus Metaverse MMORPG).
- Write Smart Contract for utility NFTs to be integrated into DApps.
- Smart Contract Auditing.
- Use of Rust programming language, paradigms, constructs, idioms channel patterns, framework and tools.
- Exploring Cosmos SDK projects and other projects that will be built on the cosmos.
- Create and integrate 2 custom wallets, 3+ marketplaces and NFT for DApps.
- Spearheaded the project architecture development, such as technical specifications, whitepapers, etc.
- Full-stack programming with focus on using strongly typed languages (Rust, Golang, Typescript).

Tintash / Mississauga, Canada   Aug 2021 - May 2023

Full-stack Developer | Blockchain Developer, Remote

- Deliver guidance of campaign creation from concept through on-time and on-budget completion of multiphase projects involving budgets up to $65,000.
- Implement innovative ideas and to increase brand's reach and effectiveness, growing revenue by 200% in key channels.
- Perform database defragmentation and using GraphQL optimize SQL queries, improving database performance and loading speed by 70%.
- Revamped UI of an e-commerce site that enhanced performance and improved load time by 45%.
- Developed interactive website that ensured high traffic, page views, and user experience, resulting in 40% increase in sales revenue.

Iglu / Wan Chai, Hong Kong   Feb 2019 - Aug 2021

Lead Full-stack Developer | Project Manager, Remote

- Successfully transform the team's waterfall mindset to Agile by developing 20+ effective training materials for teams to understand Agile delivery.
- Lead the development of 6 database projects for one of the company's largest clients with on-time delivery and 18% under budget completion.
- Upgrade the system to automate image optimization, achieving an average load time of 3 seconds or less with a bounce rate of 20-40%.
- Deliver guidance in all aspects of campaign creation from concept through on-time and on-budget completion of multiphase projects involving budgets up to $75,000.

Genic Solutions / Singapore
Oct 2017 - Feb 2019

Full-Stack Developer

• Conceptualized and developed a Django (Python) web application that works with insurance companies and radiologists.

• Oversaw full lifecycle of software development for 9 projects with 100% on-time delivery while staying 5% under budget.

• Developed a web application for an IT support company that involved building Laravel back-end and Vue.js front-end.

• Designed and developed efficient and maintainable software according to business objectives and needs of various clients.

Vinova Pte. Ltd. / Singapore
Oct 2015 - Sep 2017

Intern Web Developer | Full-stack Developer

• Utilize jQuery, AJAX and AngularJS to redesign the UI functionality of 5+ multi-threaded apps running on mobiles, tablets, and other touchscreen devices.

• Oversaw full lifecycle of software development for 8 projects with 100% on-time delivery while staying 5% under budget.

• Conducted unit and load testing for high profile customer facing applications, which reduced system failure rate by 70%.

Certifications

• Certificate of Achievement Devcon, 2019

• Arc Specialist Certificate

Education

Bachelor's Degree – Computer Science – Singapore Institute of Technology, 2014

- Analysis and Systems Development
- Artificial Intelligence
- Cloud & Distributed Computing

Skills

- **Language**

  Javascript, Typescript, Python, PHP, Go, Rust, Solidity

- **Frameworks**

  Vue.js, Django, Laravel, Nest.js, Cosmos SDK

- **Library/APIs**

  React.js, Node.js, Three.js, GraphQL, Web3.js, Ethers.js

- **Platforms**

  AWS, GCP, Nginx, Docker, Kubernetes, Ethereum, Solana

- **Tools**

  Git, Storybook, RabbitMQ