



# S.H

# Software Engineer

WEB DEVELOPER  
BASED IN SWEDEN

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## OBJECTIVE

'Getting Into the Mind of User'  
This is one of my strongest skills  
that allows me to help my  
clients produce the highest  
quality software.

## SKILLS

- + Blockchain Development
- + Project management
- + Web Development
- + Senior Mobile Development
- + Ecommerce Site Development

- Solidity, Rust, ERC20, ERC721, ERC1155, Metaplex, Elrond network
- ReactJS, NextJS, AngularJS, VueJS,
- Golang/Django/Ruby on Rails/ Node.js/ Express.js /Laravel
- Amazon Web Service
- Payment gateways integration: Stripe, PayPal, Google Pay
- Mobile applications iOS, Swift, Android, Kotlin, React Native, Flutter
- PHP/MySQL/PostgreSQL/ GraphQL
- AI/LLMS, MVP Langchain, ChatGPT, NLP, ML or GPT
- Working with web services (XML, SOAP, JSON, RESTful)
- SVN, Git, GitHub, GitLab

## PROFILE

- Software engineer possessing Comprehensive 8 years of experience as IT Professional
- 2+ years of exclusive experience as Blockchain Developer
- Experience in developing and implementing applications on Ethereum Blockchain.
- Strong knowledge on Cryptography which includes Encryption and Decryption using symmetric and asymmetric algorithms, hash functions and Digital Signatures
- Deploying contracts and run tests on personal ethereum Blockchain Ganache.
- Knowledge on Blockchain platform R3 Corda and ERC20 Tokens
- Knowledge on Blockchain technology, Ethereum Blockchain, various consensus protocols (Proof-of-Work & Proof-of-Stake) and cryptocurrencies
- Knowledge on implementing Zero-Knowledge proof (ZKP) protocol in Blockchain
- Building and testing applications with Truffle framework
- Experience in building DApps using HTML, Java Script and Node.js and interact with Ethereum Blockchain by using Web3 JS API and metamask.
- NFT minting and marketplace DApps development experience
- Forking Pancakeswap and StrongBlock experience
- Membership Management system experience with NFT
- NFT minting and marketplace development on Layer-2 Network
- NFT staking and reward system on Ethereum, Polygon and Fantom network

## EXPERIENCE

DOUBTNUT – SOFTWARE DEVELOPMENT ENGINEER • 2023.4 – 2024.3

Worked as a Software Development Developer

- Whatsapp Team : Worked on a time bound high-priority project to successfully scale the Doubtnut's whatsapp bot Q/A 250 percent from 0.3 Lakh to 1.1 lakh within a span of 2 months.

- Developed and scaled microservice bas 24\*7, 7pm quiz feature on the bot using mongoDB, redis, MySQL, Node.js to support daily traffic of over 50,000 users.
- Refactored bot flow to support hindi language and allow for easy future integrations of vernacular languages.
- SRE Team : Reduced server load of flagr calls by 20 percent across App, by implementing Read-through flagr cache using Redis.
- Automated redis dump file memory analysis using redis-rdb-tool to reduce error trace time during high memory load on Redis.
- Integrated Zenduty into alert management infrastructure to improve alert escalations and reduce alarm fatigue.

#### **PAYU – SOFTWARE ENGINEER • 2021.8 – 2023.3**

Worked as a Software Developer

- Developed API for bulk invoice uploads from merchants to PAYU S3 Storage.
- Migrated internal APIs from the monolith (PHP) to a new service (JAVA)
- Worked on payment gateway to guarantee high availability of application during migration process.
- Wrote Unit test, Integration tests, performed Load test, stress test on APIs before live.
- Tech stack - Java, Springboot, Mysql, Redis, k6, Dynatrace, Kibana.

#### **WENMOON LLC – SMART CONTRACT ENGINEER • 2021.9 – 2022.8**

Worked as a Smart Contract Developer

- Create FMAN token on both Binance and Cronos network.
- Create NFT minting and staking platform can be purchased with FMAN token
- Create Bridge between Binance and Cronos. For this, I have built Bridge contract on both network and golang backed server.
- Build website and integrate smart contract using web3.js

#### **INNOWISE GROUP – SMART CONTRACT AND WEB3 ENGINEER**

• 2021.1 – 2021.8

##### **1. NFT minting platform development**

###### **▲ Tasks**

- Smart Contract Creation using Openzeppelin ERC721, ERC721A and ERC1155

- Landing Page Development with React.js and AWS amplify
- Smart Contract Integration with web3.js and ethers.js

###### **▲ Features**

- Presale with whitelist
- Public sale with Dutch Auction
- Slow Reveal on Opensea

###### **▲ Websites**

- <https://thecryptopoly.io>
- <https://convictedsquirrels.com/>

##### **2. NFT marketplace development**

###### **▲ Tasks**

- NFT Marketplace Contract Creation on Polygon network
- Smart contract deployment using hardhat, truffle and Remix IDE
- Build Marketplace backend server using node.js, mongodb,

bitQuery and theGraph

- Build website frontend using react.js and AWS amplify

###### **▲ Features**

- Mint NFT with Gas Free and Gas Fee Option

- Sale and Auction for NFT arts
- Loyalty Reward option for NFT creators
- Track all NFT transaction history and display them in our system.

▲ Websites

- [nft.advalorem.io](https://nft.advalorem.io)

### 3. Defi Platform development

▲ Tasks

Provide features to exchange, farming, liquidity pooling for Defi

- Implemented smart contract by solidity and ERC 20 integration
- Integrated AMM by using Uniswap
- Support features like staking, farming, liquidity pool
- Responsible for developing frontend site by using Next.js

▲ Websites

- <https://hopperswap.io/>

### ROCKOLY – FRONTEND LEAD • 2020.6 – 2020.12

Rockoly puts a private online chef right into your kitchen. Book entirely customizable sessions with your personal online chef. Get started today and enjoy a delicious meal made with the help of a pro.

- Responsible for Developing frontend site with React.js

- Responsible for uploading food images and videos to AWS S3 bucket sending events and push notification to user when images are uploaded.
- Maximized system potential, minimized system downtime and improved user experiences

<https://rockoly.com/>

#### **VANIDAY – PYTHON BACKEND AND REACT NATIVE APP DEVELOPER**

• **2019.10 – 2020.4**

Booking and partner app development

##### ▲ Tasks

- Rest-API development for booking and partner app
- Design UX/UI of booking and partner app
- App frontend development using react-native and aws amplify
- Integrate Rest-api to app frontend
- build app and publish apps to google play store and apple store

##### ▲ URLs

- <https://play.google.com/store/apps/details?id=com.myvaniday.droid>
- <https://play.google.com/store/apps/details?id=com.vaniday.beauty.droid>

#### **NOMAD HEALTH - SENIOR SOFTWARE ENGINEER | RUBY ON RAILS, VUE**

• **2019.1 – 2019.8**

(Nomad Health is an online marketplace that directly connects physicians, nurses, and medical facilities for healthcare jobs, without the involvement third party employment agencies. Nomad Health is based in **New York City**.)

- Took ownership of a business-critical Ruby on Rails application. All of the previous developers had left, so we needed to learn the application as we worked on it. Led the effort to split the application into two separate projects to ensure important admin functionality was not negatively impacted by member-facing changes.
- Worked with a small product development team to reinvent the patient experience for our on-site clinic business. Updated and extended a set of Ansible playbooks and roles that allow us to reprovision our HIPAA-compliant infrastructure on AWS.
- Implemented an online appointment scheduling system using React and Redux that interacted with an electronic medical record (EMR) system through a Rails API. We switched to a different EMR in the middle of the project and used the Flipper feature toggle library for testing and seamless cutover without a new deploy.
- Helped develop a Kanban-inspired software development process that we track using Jira.

#### **STUDIOLABS – LEAD FRONTEND WEB DEVELOPER • 2018.1– 2018.12**

(**New York**)

StudioLabs has honed a unique and effective process for designing and building websites, mobile apps, software/SaaS products, web apps, progressive web apps (PWAs), eCommerce sites, mobile games, and various other digital products.

- Developed an intranet portal for the bank using React, Typescript, GraphQL and TailwindCSS

- Architected frontend application, graphql schema and queries
- Designed prototype UX/UI with Sketch, Zeplin
- Conducted React training sessions for co-workers

Skills set: Blockchain, NFTs, React, Redux, Angular, Material Design, UI/UX, AWS, GCP, Kubernetes, Docker

#### **SPIRIA – FRONTEND WEB DEVELOPER • 2017.1– 2017.12 (MONTREAL, CANADA)**

- Built admin management web app for the property listing platform with React and Typescript
- Implemented responsive mobile screens of the buyer app
- Fixed slow performance issues on mobile devices
- Implemented pagination with infinite loading for properties list
- Implemented some Firebase DB migration scripts
- Fully tested components and redux-saga with Jest.
- Store news list to mongodb database.

Technologies: React, Redux, Angular, Vue, Typescript, Redux-saga, Formik, React Router, Firebase, Jest, Styled components, MongoDB, AWS Amplify, MapboxGL

#### **ANDERSON COLLABORATIVE– WEB DEVELOPER • 2016.1 – 2016.12 (NORTH MIAMI BEACH, FL)**

- Built a video platform using Node.js and React.js with full server-side rendering.
- Built the back-end using Node.js and Express.js with a commonly shared model and view layer between the client and server.
- Used Redux for managing the state.
- Designed and set up all services to run on Amazon Web Services
- Services are designed for large amounts of traffic by the use of caching and CDNs.
- Backend by a MongoDB database in Amazon.

Technologies: Node.js, React.js, Angular.js, Express.js, Sequelize, AWS

#### **MAGNETO – MOBILE APPLICATION DEVELOPER • 2015.1 – 2015.12 (LONDON)**

Magneto is an award-winning eCommerce platform development company and is located in New York. I have worked as android and iPhone developer and built **EasyStore** eCommerce mobile application in this company.

- Design UI/UX and build App UI with Android and Aws Amplify.
- Integrate Rest-API and Stripe payment gateway to mobile apps.
- Integrate Real-time Cloud messaging using firebase cloud messaging services
- Build app and test, public apps to google play store and apple store.

<https://play.google.com/store/apps/details?id=co.easystore.mobilepos>

## EDUCATION

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**HOWARD UNIVERSITY (2010 - 2014)**

Bachelor's Degree of Computer Science (BCompSc), Computer science

## VOLUNTEER EXPERIENCE OR LEADERSHIP

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I like to support any other persons or teams who have issues on development of Web Development.

I will be happy if my experiences will help someone, so that you get the chance to get good success on your business.