Harald Osman

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Senior Full Stack Blockchain Engineer

Summary of Qualifications	As a Senior Full stack developer, I'm committed to integrity, attention to detail, and excellence.
	For me programming is less of a vocation and more of a way of life that continually challenges my personal and professional growth.
	What started from first rendering "hello world" in my console has blossomed into a full-fledged passion.
	My keen eye for design has been increased revenue for numerous eCommerce clients.
	I am proficient in Python, Django, JavaScript Framework(Node.js, Next.js, Remix, Nest.js, Angular, Vue, React, Redux, Typescript), PHP Framework(CI, Laravel), Django, Blockchain, Solidity, Web3.js and I am continually expanding my skills into related technologies as their creative and developmental applications are exciting and endless.
	I'm primarily a front-end developer, but I'm also familiar with Node, MEAN, MERN, Laravel and full stack development.
	Ultimately, I get my sense of fulfillment when the fruits of my labor exceeds your expectations, and I am in constant competition to outdo my previous work so I can continuously meet that end.
	It's my hope that we will be in touch soon, and that I will become a valuable and contributing member to your vision.

Skills

Programming Languages/ Technologies

- React/Redux/Hooks/Context/Next.js/Remix
- Node.js/Express.js
- Python/Django
- TypeScript
- PHP/Laravel/CodeIgniter/Wordpress
- JavaScript/DHTML/HTML/CSS/Ajax
- SCSS/SASS/LESS/Tailwind/MUI/Bootstrap
- XML/XSL, JSON
- RESTful API/GraphQL
- API integration/API design
- Stripe API/SendGrid
- React Native/Expo/Browerstack

Database

- MongoDB
- MySQL

Software Patterns

- OOP
- DRY
- SOLID
- DDD
- MVC/MVP/MVT

Testing Approach & Frameworks

- TDD approach
- Jest
- Eslint
- Huskar
- React Testing Library
- Developer Tools
- PHPUnit
- PyTest

- Supabase
- PostgreSQL
- Firebase

Cloud Technologies

- AWS
- Azure/DevOps

Methodologies

- Agile, SCRUM
- Pair Programming
- Test Driven, Feature Driven, Behavior Driven Development
- Waterfall

Blockchain

- Smart Contract
- Solidity
- Web3.js
- NFT

Application/Web Servers

- Http-server
- Tomcat
- IIS
- Apache

Version Control

- Github
- Gitlab
- Bitbucket
- SVN

Team Management Tools

- Jira/Trello
- Slack
- Discord
- Skype
- Telegram

Operating Systems

- Windows
- MacOS
- Linux/Ubuntu/Fedora/CentOS/Redhat

Experience	

Freelancer at **Freelancing** *(2022.11- 2022.12)*

- Developed blockchain frontend using React, Next.js, TypeScript.
- Engaged in upgrading functionalities of backend using Node, Express, etc
- Built trading bots using python and python packages
- Upgraded backend from PHP to Node.

Full Stack Blockchain Engineer at **RiseApps***(2020.1- 2022.10)*

- Created data-rich dashboards using React and Node.js.
- Rewrote PHP E-Commerce site in Django, cutting load times by 300%.
- Introduced server side rendering frameworks-Next.js, Remix, Nuxt.js to the team community. Increased the UI development speed by 30%
- Improved code quality through strict testing libraries and process like Jest, DevOps
- Experienced with AWS like EC2, S3, Lambda
- Built NFT marketplaces using Solidity, React, Nest.js.
- Developed NFT games using React and smart contract with Solidity. Created interaction between front-end and smart contract using web3.js
- Upgraded out-of-date projects to modern ones using Vue, React, TypeScript, Next, Remix, Tailwind, Node.js, Nest.js, PHP, Laravel, Django

*Full Stack Developer at **Baton Rouge**(2018.1-2020.1)*

- Utilized Node.js backend to design server applications and client interfaces.
- Experienced working with frameworks and tools such as React, Redux, Vue, Vuetify, Vuex, socket.io and Webpack.
- Managed continuous maintenance and troubleshooting of Python Django projects.
- Collaborated with other developers to handle complicated issues related with deployment of Django based applications.
- Worked in an Agile environment (e.g. Scrum, Kanban, Trello)
- Full stack web development using modern JavaScript frameworks such as Node, Vue, Angular, React, Node, TypeScript and ES6
- Back-end development and database construction using Laravel + MySQL, MongoDB
- Mobile app development using React Native
- Learned Jest, Cypress for testing projects

*Front End Developer at **MoodUp** (2016.11-2018.1)*

- Team player in an agile team via Jira
- Built responsive web UI from figma, PSD, UX/UI design using HTML, CSS, JavaScript, Bootstrap, Material UI
- Learned React, Angular, TypeScript. Developed landing page development using them.
- Developed functional and appealing web-based and mobile-optimized websites while maintaining acceptable quality, maximum speed, and scalability by using and adapting coding standards and industry
- Increased web accessibility by 30% after updating UI

Projects

	https://ritual.com
Project Description:	
Customer:	
Involvement Duration:	7 months
Project Role:	Full Stack Developer
Responsibilities:	- Migration from existing frontend to React. - Back-end development using Node.js - Database Design - API integration, CRUD setup - UX changes
Project Team Size:	7 team members
Tools & Technologies:	Node.js, HTML, SCSS, Bootstrap, React, MongoDB

BM Corcode (https://bm.corcode.com)

Project Description:	Portal for communication between influencers, their managers and advertising customers.
Customer:	
Involvement Duration:	9 months
Project Role:	Front End Developer
Responsibilities:	▪ Converting Figma design to front-end ▪ Implementing reusable components ▪ Bug fixing ▪ API integration
Project Team Size:	5 team members
Tools & Technologies:	Angular, Angular Material, RxJS, NgRx, AgGrid, JWT, JSON

Graph Academy(https://graph.academy)

Project Description:	The Graph Academy is a free, open-source and community-driven knowledge base and documentation initiative on The Graph Network.
Customer:	US client
Involvement Duration:	3 months
Project Role:	Full Stack Developer
Responsibilities:	▪ Built front-end with no back-end using React, TypeScript, Next.js, Tailwind. ▪ Used Supabase, a cloud SQL Database for saving data. Did an effective DB schema design Understood FuseJS search engine and introduced it to the project. ▪ Added graphic elements using D3.js. ▪ Passed through Jest for unit-testing to provide good code quality and deployed using
Project Team Size:	3 members
Tools & Technologies:	React.js, Next.js, TypeScript, D3.js, Jest, Node.js Tailwind, Supabase, FuseJS, styled-components, Babel

Sportreat (https://sportreat.com.au)

Project Description:	A premium Sports Medicine Practice located south of the river, offering Physiotherapy, Sports Medicine, Exercise Rehab, Dietetics, Podiatry and Massage.
Customer:	Australian Client
Involvement Duration:	2 months
Project Role:	Lead Developer
Responsibilities:	▪ Project management, including handling communication between client and designer ▪ Frontend and backend architecture design ▪ Custom WordPress theme development ▪ Custom Plugin development

- Woocommerce integration and custom template creation
- Creation of documentation for the project

Project Team Size:	6 members
Tools & Technologies:	Wordpress, Woocommerce, PHP, MySQL, Yoast SEO

BidExpert (https://bidexpert.com)

Project Description:	Real-Time Auction Marketplace
Customer:	HongKong Company
Involvement Duration:	3 months
Project Role:	Lead Front End Developer
Responsibilities:	- Built beautiful UI using Angular, Bootstrap - Worked on back-end architecture design using RESTful API, Node, and stored data in cloud MongoDB. - Introduced Stripe API for payment
Project Team Size:	12 members
Tools & Technologies:	Angular, Node.js, JQuery, Bootstrap, StripeAPI

FlexCavo (https://flexcavo.de)

Project Description:	A construction equipment rental company website
Customer:	Georgia Company
Involvement Duration:	10 months
Project Role:	Full Stack Developer
Responsibilities:	- Created new components, pages and features, and fixed bugs for a complete product. - Worked with a focus on developing responsive pages that were pixel perfect and performance optimized for all devices. - Integrated various types of libraries with React such as Material UI, Lodash, ChakraUI, Material-table, Formik, google-map- react.
Project Team Size:	7 members
Tools & Technologies:	React.js, Material UI, Node.js, Lodash, ChakraUI, Formik, Google-map-react, Material-Table

DegenSwap (https://degenswap.io)

Project Description:	A site to provide convenient swapping between Ethereum and Binance chains
Customer:	US client
Involvement Duration:	3 months
Project Role:	Full Stack Blockchain Developer
Responsibilities:	- Translated Photoshop design to front-end using React. - Built bridge between Ethereum and Binance using solidity. Made contracts between same chains for user convenience. - Created interaction between front-end and smart contract using web3.js.

	Built functionality to connect crypto wallets(Metamask, Walletconnect, Coinbase) using web3.js ▪ Introduced lazy renderling on token lists for project performance.
Project Team Size:	Individual
Tools & Technologies:	React.js, styled-components, PWA, Lodash, web3.js, Blockchain, Smart contract, Solidity

Lenster (https://lenster.xyz)

Project Description:	Lenster is a decentralized, and permissionless social media app built with @LensProtocol.
Customer:	HongKong Company
Involvement Duration:	9 months
Project Role:	Lead Developer
Responsibilities:	▪ Engaged in code reviews and fixing. ▪ Introduced GraphQL rather than RESTful API for effective api manipulating ▪ Ensured code quality and performance using Jest testing framework.
Project Team Size:	12 members
Tools & Technologies:	React.js, Next.js, Redux, Tailwind, GraphQL, Node.js. MongoDB

Project Description:	**Cloudbunnies (https://next-cloudbunnies-nft-landing-page.vercel.app)**
Customer:	Landing page
Involvement Duration:	
Project Role:	
Responsibilities:	Front End Developer
Project Team Size:	▪ Converted figma design to UI using React, Rmix, Tailwind ▪ Used TypeScript for strict data process ▪ Provided fully responsive UI on desktop, mobile and laptop using mobile-first approach and ResponsivelyApp
Tools & Technologies:	Individual React.js, Remix, TypeScript, Tailwind

Project Description:	**Fanse Dating (https://fanse.co)**
Customer:	Social Dating app
Involvement Duration:	Israel Company
Project Role:	2 months
Responsibilities:	Full Stack Developer
Project Team Size:	▪ Worked on full stack development ▪ Implemented functionalities for uploading videos and playing them ▪ Hosted using AWS EC2 and used AWS S3 for storing media files

Tools & Technologies:	▪ Introduced Cloudflare to successfully upload more than 100MB files 3 members Vue.js, Vuetify, Vuex, PHP, Laravel, AWS EC2, AWS S3, Cloudflare

Certifications

Education

	[Bachelor Degree] [University of Hull] [Computer Science] Graduated in [2016]