

Victor Hazard

Senior Software engineer, Full stack developer

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ABOUT ME

As a Software engineer with **8+** years experience, I am privileged to work in a field that blends creativity with cutting-edge technology. I relish the opportunity to expand my technical expertise, which in turn fuels my creativity - and the synergy between the two never ceases to amaze me.

A **self-driven**, detail and **result-oriented**, hard-working professional with a solution-oriented and continuous improvement mindset. I'm a well-organized, responsible person with a curious and ambitious attitude to everything I do.

I enjoy accepting new challenges and making them work, solving problems starting from identifying challenges, analyze root causes, and implement effective solutions to keep projects on track.

SKILLS

Programming language — Javascript/Typescript, Python, Rust, Solidity, C++, **System design** — Microservice, Serverless, Cache, TDD, DNS, CDN, Load balancing, **Backend** — node.js[express.js, nest.js], fastAPI, SQL, NoSQL, Redis, **Frontend** — react.js, next.js, react native, RESTful API, GraphQL, websocket, **Devops** — Git, CI/CD, Docker, Kubernetes, Terraform, Pulumi, Ansible, **Cloud** — AWS, GCP, Cloud agnostics, **Web3** — EVM, Hardhat, solidity, wagmi, ether.js, web3.js, **Others** — Agile, Scrum, Kanban, Mentoring

PROFESSIONAL EXPERIENCE

Senior Software Engineer

Aug 2024 – present

Helika 

- Developed and maintained core components of **Helika Game analytics platform** under the DDD principle and event-driven architecture, including SDK based real-time gaming data collection systems and user engagement platform.
- Designed, developed and maintained a robust microservice to collect, process, and analyze data from several social media platforms.
- Collaborated closely with product team and designers to integrate customer feedback into feature development.
- Coordinated with DevOps team to implement end-to-end CI/CD pipeline using Pulumi, GitHub action, Docker, and AWS services, reducing deployment time by 60%.

Skills: python, fastAPI, node.js, SDK, AWS, Kafka

Senior Software Engineer

Feb 2022 – Jul 2024

Objectstyle

- Participated in the entire development lifecycle for building robust and reliable software projects in various industries like **Fintech**, **E-Commerce**, and **Gaming**.
- Developed micro-services for All-in-one Digital **Banking SaaS** platform and crypto on/off ramping **payment gateway**.
- Developed a consumer app with **20,000+** users, allowing shoppers to avoid overpaying online.
- Participated in developing cloud providers agnostic multiplayer **SaaS/PaaS** platform (using all AWS, GCP, Azure) which will contain authorization/authentication, cost/health/metrics analytics.

- Implemented authentication solutions including Single Sign-On (**SSO**) and Multi-Factor Authentication (**MFA**) leveraging **Okta & Auth0** to enhance security and user management.
 - Participated in developing several user-friendly **UI** applications using **react.js, next.js**, react-query, RESTful API, GraphQL, etc.
 - **Mentored** junior developers through meetings, code review, and pair programming.
- Skills:** typescript, rust, terraform, ansible, AWS, GCP, CI/CD, Docker, K8s, etc

Backend developer

Jan 2021 – Feb 2022

Artisse

- Developed the Leading **AI image generation** application running on distributed multiple servers based on **Python micro-service** architecture using cloud-based system architecture.
- Designed auto-scaling and load-balancing to handle **120,000+** active users monthly.
- Configured and managed cloud infrastructure automatically using **Terraform**.
- Implemented the CI/CD pipeline by using **Docker**, GitHub action, code pipeline, ECR, ECS, SM, and several other **AWS** core services.
- Implemented **server-less** architecture using AWS **Lambda**.
- Designed and implemented a secure and portable **data pipeline** using **Apache airflow** integrated with several services like **S3**(data lake), **SNS**, **AWS cloud watch**, and so on.
- Implemented the almost test case for the backend server for **TDD**.

Skills: python, system design, Docker, Serverless, Terraform, fast API, CI/CD, AWS, Redis, Apache airflow, cloud watch, Github action

Blockchain Force & Full-stack Web3 Developer

Feb 2019 – Dec 2020

Freeblock

- Developed Solidity smart contracts for our multichain Web3 gaming platform using **Hardhat** and deployed to multiple blockchains.
- Participated in building L1-L2 **Bridge & Swap** project.
- Implemented web3 integration on web2 application using **web3.js, ether.js** and the other **SDKs**.
- Implemented gas optimization in smart contracts using several best practices.
- Got familiar with **MythX** for testing, analyzing, and auditing smart contracts.
- Fullstack Development using several frameworks and tools.

Skills: typescript, react.js, next.js, go, solidity, docker, GraphQL, NFT, web3.js, ether.js, AWS

Full-stack developer

Apr 2016 – Feb 2019

Gorilla

- Used HTML5, CSS3, TypeScript, and **react.js** as the front-end tools to build module pages that communicate with back-end API with RESTful API.
- Participated in all software development phases including requirements gathering, design, coding, deployment, and maintenance.
- Managed code quality and testing using **ESLint** and **Jest**, achieving a code coverage of **70%** to ensure robust and reliable software performance.
- Utilized **Git** and **GitHub** for version control and code collaboration.
- Worked closely with designers and stakeholders to ensure project goals were met.

Skills: javascript/typescript, react.js, python [Django], Jest, MySQL, Git/Github, CI/CD(docker, GitHub action), AWS

EDUCATION

Bachelor of science - BC, computer software engineering

2011 – 2016

University of Mons

Leading subjects: Computer networks, Cisco CCNA, Managing projects in SCRUM methodology, Multithreading programming.