FABIAN FERNO

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ABOUT ME

"Highly skilled and experienced software engineer with a passion for creating scalable, cross-platform applications and SaaS products. Proficient in data analytics and visualizing high volume data. Experienced in overseeing technical teams and building highly scalable systems. Currently working on data visualization and aggregation projects at BlitzCraftHQ and exploring the potential of the Web3 ecosystem."

Recognition

Won second place in Bharathverse Web3 Hackathon, IIT Bombay. | Won the 3rd place in Effect Network Global Hackathon. | Built a tech community with currently 750+ members

Core Skills

Enterprise Software
Project management
Big Data Analytics
Distributed Systems

Financial evaluation
Leadership during change
Strong interpersonal skills
Engaging presenter

WORK EXPERIENCE

Co-founder & CTO, NFTCONOMY Technologies Pvt. Ltd.

Jun 2022– Present

Expertly developed comprehensive data visualizations for high volume data aggregations, utilizing advanced visualization techniques and tools. Architected a scalable and robust REST API using MongoDB and ExpressJS, ensuring efficient data processing and integration with external systems.

Principal Software Engineer, GigaDyne Technologies Pvt. Ltd.

Dec 2019 – Jun 2022

Successfully developed and launched an NFT platform featuring advanced statistical scoring algorithms and cross-chain indexers. Led the engineering team, overseeing all aspects of development and contributing to the design of the software architecture and system design. Also designed the landing site for the Dali project.

Co-founder, Licet Pattarai

April 2017 – April 2018

Mentored various projects across domains including IoT, product fabrication, and web development. Served as Director of Business Development, conducting audits and arbitrating collaborations to offer services. As President, orchestrated the formation of an engineering club. Led the 'Caliditas' team in developing an IoT-based COVID temperature monitoring project.

NOTABLE PROJECTS

Stretch Inc UK – Built booking reservation systems, admin panels & ERP using Flask, MySQL, PHP.
Gazeal UK – Managed engineering teams for SLAs in various software development activities.
Chettiar Chamber of Commerce – Built ERP, CMS & RazorPay Integrations – ASP.NET & MS SQL Server

Javascript, Typescript, Assembly Script, Python, PHP, C#, C, Dart, Solidity, Java, HTML5, CSS3, Git, Shell, Web3, React, Next.JS, Node.JS, Express.JS, Flask, ASP.NET, Amazon, AWS, GitHub – Actions, GitLab, Bootstrap, MaterialUI, BulmaCSS, Tailwind UI, GraphQL, MongoDB, HarperDB, MySQL, PostgreSQL, SQLServer, Postman, Cloudflare, cPanel, nginx, NPM, Linux, IFTTT, Stripe, RazorPay, Heroku, Vercel, Selenium, Supabase, Firebase, Arduino, Figma, Illustrator, Photoshop, Sketchup, Blender, Unity

MEMBERSHIPS

Core Committee & Founding member	**Media Team: Video & Design Advisor**	**Student Chapter, Member**	**Rajyapuraskar Scout**
Fablab, Licet April 2019 – Present	Ooruni Foundation Sept 2020 – May 2021	Computer Society, India April 2019 – Present	Bharath Scouts & Guides April 2013 – 2019

EDUCATION

Bachelor of Technology, IT	**N5, Japanese Studies**	**Circle Program in Designing**	**Sec. & Higher Sec. Schooling**
Loyola ICAM College of Engineering & Technology 2019	Hayakawa Institute 2019	Academy of Digital Arts 2018–2019	Don Bosco MHSS, Egmore 2005–2019

RESEARCH THESIS

"Decentralized IoT Security Gateway Platform" – IEEE (Pending Review)