Emil Harjula

Email: emilharjula@gmail.com   **WhatsApp**: +1 (470) 696 8158   **Telegram**: @kdrilling   **Address**: 401 Panama City, FL 32405, USA
LinkedIn: https://www.linkedin.com/in/emil-harjula-b818b5362/   **GitHub**: https://github.com/crypto1014

Full stack developer

Dynamic Full Stack and Blockchain Developer with over 6 years of experience in React, Next.js, Python and NodeJS developing Web3 Dapp and fintech systems. Passionate about crafting user-friendly interfaces and optimizing performance. Contributed to increasing user participation and satisfaction through smart and user-friendly UI/UX design. Proficient in using React, Vue.js, Svelte, Node.js and Django, Ruby on Rails frameworks and has extensive experience building and deploying web applications on the AWS, Digital Ocean.

Also, I have rich experience and deep knowledge in EVM based chains and Solana chain. Participated in several blockchain projects like ICO (Initial Coin Offering) launchpad, and DEX (Decentralized Exchange) integration, Smart contract development using hardhat frameworks for EVM chains and Anchor frameworks for Solana.

Flexible communication skills with technical and non-technical colleagues and strong technical problem-solving skills.

PROFESSIONAL EXPERIENCE

KittenHaimer AI (Remote)   **November 2023 – Present**
Sr.Full stack developer

- Successfully completed the development of **Kitten Haimer**, delivering high-quality software solutions within tight deadlines.
- Built a user-friendly interface using **React** and **Tailwind CSS** and adopted a **mobile first design** to improve user experience.
- Applied various techniques such as image compression, lazy loading and code splitting to ensure **page loading time** of **less than 1s** and improved user experience.
- Set up a strong CI/CD pipeline using **Docker, Terraform** and **GitHub Actions**, while integrating **ESLint, Prettier** and **Jest**.
- Collaborated effectively with **cross-functional teams**, achieving a 95% customer satisfaction rate.
- **Optimized SEO and performance metrics** through strategies like schema markup and image optimization, and managed **RESTful API** and **GraphQL** integrations using tools like Google Analytics and PageSpeed Insights, resulting in a 25% increase in site visibility and traffic.
- Increase the community with over 1600 members and make some products like **Telegram Bots** using **Telegram Bot API**

Xion Finance (UK)   **April 2020 - August 2023**
Frontend & Web3 Developer

- Participated in the development of **Solana based De-Fi platform** with wallet integrations using Solana Web3.js.
- Developed a safe and reliable platform by implementing security best practices, such as implementing a strong **CSP header** and implementing Authentication and Authorization using **Auth0** in **Okta**.
- Achieved **Search Engine Optimization** was by developing a frontend by implementing Next.js' SSR logic and built a backend with **strong security capabilities** using **Django** and **Ruby on Rails**.
- Worked in **wallet connectivity feature**s including **MetaMask** and **Phantom**, to support multiple blockchain networks, using Solana libraries like @solana/spl-token, @solana/web3.js and so on.
- Conducted blockchain data analysis and integrated **token price tracker**s via third-party APIs such as **Coin Gecko API** and **Coin Market Cap API** to provide real-time market data and enhance user engagement.

- Designed and executed a **robust job queue system** using **BullMQ** to automate critical tasks such as information collection(scrapping), database backups, and sitemap generation.
- Reduced **data retrieval time** by server-side caching using **Redis**.
- Increased **code review speed** by 15% and improved code readability, by defining a code writing style and strictly following it.
- Improved user experience and provided more powerful services by using **web scraping** and **algolia search engines** to analyze, display and filter product information posted on e-commerce platforms.
- Constructed **Polyglot Database** using **PostgreSQL** and **MongoDB** and as a result, **optimized** the **database** for various data types and improved performance.

Sentient Bean (Houston)   **December 2018 - March 2020**
Junior Full stack | Mobile developer

- Built the **E-Commerce Platform** using React and Node.js.
- Ensured **responsible design** and **mobile-first principles** using Tailwind CSS to ensure cross device and cross-browser compatibility.
- Constructed a modern front-end web portal using **React, Redux-Saga**, and **ES2016** with a build system using **Webpack** and **Babel**.
- Implemented **accessibility standards** to ensure that E-Commerce applications were usable by individuals with disabilities.
- Managed databases using **MongoDB** and **PostgreSQL**, ensuring data integrity and capability through schema design and indexing strategies.
- Enhanced interactive prototypes and mockups for health insurance applications using tools such as **Sketch**, **Figma**, or **Adobe XD**.

Skills

- Frontend Development: React.js, Angular, Vue.js, HTML5/CSS3, JavaScript (ES6+), TypeScript, Sass, Tailwind CSS, Bootstrap 5, MUI
- Backend Development: Node.js, Express.js, RESTful APIs, GraphQL, Firebase,
- Database: MongoDB, PostgreSQL, Supabase, Redis
- Mobile Development: React Native, Swift, Flutter, Android Studio, Xcode
- E-Commerce Platforms: Shopify, WordPress (WooCommerce), Magento, BigCommerce
- Web3 Technologies: Web3.js, Ether.js, Wallet Integration
- State Management: Redux, MobX, Vuex, Context API
- Performance Optimization: Lazy Loading, Code Splitting, Lighthouse, Webpack
- Version Control: Git, GitHub, GitLab
- DevOps: Docker, Jenkins, AWS Amplify, Jenkins, Vercel, Netlify
- Collaboration: Agile, Scrum, Kanban, Jira, Trello, Confluence
- Testing: Jest, Cypress, Enzyme, Playwright
- Additional Tools: WebStorm, Visual Studio Code, Prettier, ESLint

Education

Florida Southern College   2013-2018
Bachelor's Degree in Computer Science