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Work experience		
	10Qbit	June 2020 — Present
	(Head Of R&D and Innovations : April 2022 — Present) (Tech Lead : June 2021 - April 2022) (FullStack Engineer : June 2020 - June 2021)	
	<ul style="list-style-type: none">• Contributed as a core team member, enhancing the company's operational processes• Collaborated with cross-functional teams to resolve complex issues• Developed Proof of Concept (POC) AI models for clients• Directly interacted with clients and successfully delivered projects within tight deadlines• Implemented Corporate Social Responsibility (CSR) projects• Created in-house frameworks to increase the speed of development• Provided creative solutions to clients' needs• Established the company's coding style guide• Coordinated the work of development teams• Mentored junior developers and conducted code reviews to improve their skills• Implemented Continuous Integration/Continuous Deployment (CI/CD) in existing projects• Managed and deployed Linux servers for multiple projects• Conducted AWS cost analysis and implemented cost-saving measures	
	Parallax Technologies (Pvt) Ltd	May 2020 — June 2020
	(Associate Software Engineer)	
	<ul style="list-style-type: none">• Optimize backend structures using Laravel• Implement testing cases for existing projects• Mentor and guide intern developers	
	Evensel-IT	December 2015 — June 2016
	(Junior Software Engineer)	
	<ul style="list-style-type: none">• Updated, modify and expand existing software programs.• Coordinated with project managers across multiple initiatives to align development timelines, plan testing and work with client representatives.• Created proof-of-concept prototype applications for demonstration and evaluation purposes.	

- Analyzed system requirements and used systematic approaches to implement and document development tasks.
 - Develop custom software solutions for 3 clients.
 - Cooperated with other project members to develop system and design system based on client specifications.
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Qualifications

- **Graduate Diploma in Software Engineering** at Java Institute for Advanced Technology. (Scottish Qualification Authority (SQA) Level 9)
 - **Higher Diploma in Software Engineering** at Java Institute for Advanced Technology. (Scottish Qualification Authority (SQA) Level 8)
 - **Diploma in Software Engineering** at Java Institute for Advanced Technology. (Scottish Qualification Authority (SQA) Level 7)
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Skills

- Expert level knowledge on Laravel (7.4 +)
 - Expert level knowledge on JavaScript (ES6/ES7/ES8)
 - Expert level knowledge on Nuxt Js (Vue 2)
 - Expert level knowledge on version control (GIT)
 - Expert level knowledge on reverse engineering any technologies
 - Extreme fast learner
 - Proper Database handling knowledge (SQL)
 - Moderate level knowledge on Vue 3
 - Moderate level knowledge on Next Js (React)
 - Moderate level knowledge on Styling Language (CSS/SASS/SCSS)
 - Moderate level knowledge on Web3 (Solidity)
 - Moderate level knowledge on Server Management (DevOps)
 - Have experience on multiple AWS services
 - Have experience on multiple Firebase services
 - Proper API structure design knowledge (REST)
 - Moderate level knowledge on IOT devices programming (Raspberry Pi, NodeMCU)
 - Basic electronic knowledge
 - Have experience on neural network structure designing
 - Python basic knowledge
 - Java SE, Java EE
 - Android development
 - Flutter
 - UI/UX Mobile web designing
 - Project management
 - Can work in any operating systems (Windows/Linux)
 - Complex problem solver
 - Good team player
 - Strong communication skills
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Hobby Projects

Laradump (<https://marketplace.visualstudio.com/items?itemName=laradump.laradump>)
(VS code extension)

Laradump is a Visual Studio Code extension that streamlines the debugging process for Laravel API developers. With Laradump, you can log queries, inspect email structures, and dump variables without interrupting the flow of your application. This tool is designed to simplify the debugging process and provide a clear picture of

what's happening under the hood of your Laravel API, helping you to identify and resolve issues more efficiently.

Blockly Laravel (<https://github.com/TheJenos/Blocky-Laravel>)

(Laravel)

Blockly Laravel is a visual tool for generating Laravel APIs quickly and efficiently. Using Google's Blockly framework as the base, Blocky Laravel allows developers to create APIs by simply dragging and dropping blocks. This tool is designed to significantly reduce the amount of time required to generate APIs, making it an ideal solution for developers looking to streamline their work. With Blocky Laravel, developers can build robust, feature-rich APIs with minimal effort, freeing up time for other important tasks

Gobza Screen Off Gesture

(https://github.com/TheJenos/Gobza_Sprout-LP)

(Android Kernel)

Gobza is a screen-off gesture implementation for the Android kernel, designed to enhance the user experience. With Gobza, users can play music even when their phone screen is turned off and easily switch between songs with simple gestures. Currently, Gobza is implemented only for the Micromax A1 phone, providing a unique and personalized touch to the device. Whether listening to music on-the-go or relaxing at home, Gobza brings a new level of convenience and ease-of-use to the music playing experience

Demo Video

Freelance Projects Yuzik Marketplace

(React)

Frameworks: React

LuckETH

(<https://lucketh.netlify.app/>)

(DAPP)

Frameworks: Solidity, React

LifeStyleDao Minting

(DAPP)

Frameworks: Solidity, React

E-sport player tracker

(Discord Bot)

Frameworks: Discord JS, Firebase

Zora's Kingdom

(React)

Frameworks: React

LifeStyleDao Marketplace

(<https://lifestyledao-marketplace.netlify.app/>)

(DAPP)

Frameworks: Solidity, React

AddLane

(https://play.google.com/store/apps/details?id=com.addlane.web_browser_app)

(Android Application)

Frameworks: Webview, Firebase FCM

Student management system

(Laravel)

Frameworks: Angular JS, Laravel, My SQL

Temperature management system

(IOT)

Frameworks: Tkinter, matplotlib

Report storing system

(Laravel)

Frameworks: Vue JS, Laravel, My SQL

Academic Projects Pilz.IO

(Android application)

Pilz.IO is an Android-based application designed for an online pharmacy. It is built to run on Android OS6 and above, using the AndroidX platform. The application utilizes several frameworks to provide a robust and feature-rich experience for users, including a custom-built **JSRMI Android framework and a Firebase View**, as well as well-established technologies such as Google Map API, Volley, MPAndroidChart, and Paypal API. These technologies work together to provide a seamless and secure shopping experience for customers, allowing them to purchase their medical needs with ease and confidence.

Pilz.IO

(Web Application)

Pilz.IO is a custom-built e-commerce web application for an online pharmacy that runs on the J2EE platform, using JSP & Servlet, MySQL, Angular JS, JavaScript, CSS, HTML, Hibernate, and Bootstrap. The application is hosted on a Glassfish server and uses several custom frameworks developed in-house, including a **JSRMI Server, a basic neural network framework, a JavaEE Render, and an Input Guard**. These proprietary frameworks were created to enhance the functionality and security of the site, ensuring a smooth and secure shopping experience for the customers.

AquaLife

(SE Application)

AquaLife is an inventory control system designed for aquariums that runs on a Java environment and utilizes MySql for data storage. The system also utilizes Jasper Reporting for generating reports. The system features a custom-built, **Simple UI framework** developed in-house to provide an intuitive and easy-to-use interface for users. This proprietary framework enhances the user experience and ensures the efficient management of the aquarium's inventory.

References

Nipun Tharuksha

(Senior Software Engineer at Ceymplon)

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