



## PERSONAL DETAILS

-  Civil Status – Married
-  Nationality – Sri Lankan
-  Date of Birth – 1997-02-25
-  [gayanpoornima@gmail.com](mailto:gayanpoornima@gmail.com)
-  (+94) 76 640 9484
-  11/3 Sri Wimalarama Road,  
Wellampitiya

## ONLINE PROFILES

-  [linkedin.com/in/gayan-poornima/](https://linkedin.com/in/gayan-poornima/)
-  [github.com/IT20011970](https://github.com/IT20011970)
-  [medium.com/@gayanpoornima](https://medium.com/@gayanpoornima)

## OBJECTIVE

- Utilize my software engineering skills and passion in a dynamic setting to grow, learn, and take on greater responsibilities, ultimately contributing to the success of innovative projects.

## LANGUAGES

- English
- Sinhala

# GAYAN POORNIMA BAMUNUSINGHE

## Software Engineer – Fullstack Development

An adept Full Stack Developer with nearly 3 years of industry experience. Recognized for solving complex problems and developing innovative web applications that align with business needs. Proven track record of crafting resilient solutions. Thrives in collaborative environments and welcomes new challenges.

## WORK EXPERIENCE

### John Keels IT (6 Months)

- Software Engineer** (November 2025 – Present) -> Outsourced to Fortude
  - Kafka, Redis, PostgreSQL, Grafana, M3, Kendo UI, Angular, BullMQ, Microservices, GraphQL, TypeOrm

### Pristine Solutions (Pvt.) Ltd - (2 Years)

- Associate Software Engineer** (November 2022 – 2025)
  - .NET, C#, Angular, SAP, MSSQL, Node JS, IIS
- Trainee Software Engineer** (JULY 2022 – November 2022)
  - .NET, React, Material UI, Nest JS, MySQL, TypeORM

## TECHNICAL SKILLS

- Familiar Frontend Tech Stack  
[React JS](#), [Angular](#), [HTML](#), [CSS](#), [Bootstrap](#), [Kendo UI](#), [Material UI](#)
- Familiar Database Stack  
[MongoDB](#), [MySQL](#), [MSSQL](#), [HANA](#), [SAP Integration](#), [Firebase](#), [PostgreSQL](#)
- Familiar Backend Stack  
[.NET](#), [NET Core](#), [Java](#), [Spring Boot](#), [Nest JS](#), [Type ORM](#), [Express JS](#), [Koa JS](#), [Docker](#), [Kafka](#), [Redis](#), [BullMQ](#), [Federation Gateway](#), [GraphQL](#)
- Familiar Mobile Application Stack  
[React Native](#), [Java](#), [Android](#)
- Familiar Languages  
[Java](#), [C#](#), [JavaScript](#), [TypeScript](#)

## PROJECTS

- Rapid project**  
[Associated with John Keels IT](#)  
**Technology:** - ([Angular](#), [Federation](#), [GraphQL](#), [Nest js](#), [Micro-Services](#), [Kafka](#), [Redis](#), [Docker](#), [PostgreSQL](#), [BullMQ](#))  
This project is an ERP system developed for a leading fabric company in Sri Lanka. It adopts a microservices architecture built with NestJS, utilizing GraphQL and PostgreSQL for data management. A Federation Gateway connects the microservices, while Bull.js manages background job queues within an event-driven architecture. Angular is used to develop SDKs, and GraphQL serves as the core API layer.
- Sales Force Automation ERP System**  
[Associated with Pristine Solution](#)  
**Technology:** - ([Angular](#), [SAP](#), [Node JS](#), [.NET](#), [HANA](#), [SQL](#))  
The Sales Force Automation (SFA) application empowers users to manage and tailor the ERP system to meet their specific needs and preferences.

## INTERESTS

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- IOT
- Image Processing
- Machine Learning
- Programming
- Robotics
- Technology

## REFEREES

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### Dilumi De Silva

Project Manager at Fortude  
0773430893

### Thisal Abeysooriya

Associate Tech lead at Fortude  
0717557637

- **Service module Application**  
[Associated with Pristine Solution](#)  
**Technology: - (React, SAP, Node JS, Nest JS, SQL, Type ORM)**  
The service module application serves as a comprehensive tool for service providing companies to efficiently manage their operations.
- **Intelligent Agriculture Robot for Tea Plantation Preservation – TeaBot**  
[BSc \(Hons.\) In Information Technology Specialized in Software Engineering-Final Year Research](#)  
**Technology: - (Python, ROS, Computer Vision, IOT, Image processing, Robotics)**  
TeaBot, an automated liquid fertilizing robot, employs advanced motor control and autonomous navigation to boost crop productivity and minimize human labor. Utilizing classical computer vision and deep learning, it accurately locates tea plantation rows, identifies individual plant stems, and refines liquid fertilization methods, ultimately enhancing agricultural yield.
- **Ticket Booking System**  
[BSc \(Hons.\) In Information Technology Specialized in Software Engineering](#)  
**Technology: - (Angular, .NET, Mongo DB, IIS, Android)**  
The system operates on a 3-tier architecture with backend server handling validations. It's a ticket booking platform allowing mobile or web-based booking, with features like trip arrangement, train booking, user management, and history viewing. Hosted on an IIS server, it ensures seamless communication between web and mobile platforms.

## EDUCATION

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- **MSc (Reading) In Computer Science**  
[University of Kelaniya.](#)  
2025-Present
- **BSc (Hons.) In Information Technology Specialized in Software Engineering**  
**Second Class Division**  
[Sri Lanka Institute of Information Technology.](#)  
2020-2024
- **Diploma in Computer System Design**  
**3.34 GPA**  
[National Institute of Business Management](#)  
2018-2019
- **G.C.E Advanced Level**  
**Mathematical Scheme**  
[Ananda College – Colombo](#)  
2016

## PUBLICATIONS

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- **Intelligent Agriculture Robot for Tea Plantation Preservation - TeaBot**  
[25th International Multitopic Conference \(INMIC\) · Mar 24, 2024](#)  
<https://ieeexplore.ieee.org/document/10466078>
- **Enhancement of the Conventional Sri Lankan National Fuel Pass to a Comprehensive Fuel Station Application**  
[International Journal of Engineering and Management Research · Oct 1, 2022](#)  
<https://ijemr.vandanapublications.com/index.php/ijemr/article/view/968>