GAYAN POORNIMA BAMUNUSINGHE

Software Engineer – Fullstack Development

A skilled Full Stack Developer with close to 2 years of industry experience, known for tackling complex challenges and building innovative web applications that meet business objectives. Demonstrated success in delivering robust solutions. Excels in collaborative settings and embraces new opportunities for growth.

WORK EXPERIENCE

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

Associate Software Engineer (November 2022 – Present)
- SAP, HANA, Angular, MSSQL, Node JS, JQuery, IIS, .NET, C#

Trainee Software Engineer (JULY 2022 – November 2022)
- React, Material UI, Nest JS, MySQL, TypeORM
- Led the completion of a service module project, overcoming documentation and resource challenges without senior

EDUCATION

- **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

TECHINICAL SKILLS

- Familiar Frontend Tech Stack
  React JS, Angular, HTML, CSS, Bootstrap, JSP/ Servlet

- Familiar Database Stack
  Mongo DB, MySQL, MSSQL, HANA, SAP Integration, Firebase

- Familiar Backend Stack
  Java, Spring Boot, Nest JS, Type ORM, Express JS, Koa JS, .NET, Docker

- Familiar Mobile Application Stack
  React Native, Java, Android

- Familiar Languages
  Java, C#, JavaScript, Typescript

PERSONAL DETAILS

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

ONLINE PROFILES

- linkedin.com/in/gayan-poornima/
- github.com/IT20011970
- 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

INTERESTS

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

REFEREES

Hansini Abesinghe
Former Project Manager at Pristine Solution
✉ hansiabesinghe1996@gmail.com
☎ 0768413166

Madhura Liyanage
Former Head of Development at Pristine Solution
✉ madhuraliyanage1977@gmail.com
☎ 0727602285

PROJECTS

- **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.

- **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.

- **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.

- **Online agricultural market place**
  BSc (Hons.) In Information Technology Specialized in Software Engineering
  Technology: - (Angular, Spring Boot, WSO2 Integrator, Micro-Service)
  This micro services application, adhering to SOA principles, facilitates seamless transactions within the agricultural community. Farmers can list their products, while buyers can purchase items.

- **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.

PUBLICATIONS

- **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