

# Shamil Nirash

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## CAREER SUMMARY

Associate Software Engineer at Enigma Solutions with hands-on experience in full-stack development and real-world project delivery. A 4th-year Computer Science undergraduate at the University of Sri Jayewardenepura with strong problem-solving skills and a passion for building efficient, scalable software solutions. Highly motivated, collaborative, and eager to learn emerging technologies while contributing to innovative product development.

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## WORK EXPERIENCE

- **ASSOCIATE SOFTWARE ENGINEER (FULL TIME)** Mar 2025 - Present  
**Enigma Solutions IT Company**
  - Gained hands-on experience with MySQL, Laravel, React, Flutter, Figma and Node.js
  - Contributed to company projects (Ex: Driver App, Vehicle Service Center)
- **SOFTWARE ENGINEER INTERN (FULL TIME)** Aug 2024 – Feb 2025  
**Enigma Solutions IT Company**
  - Gained hands-on experience with MySQL, Laravel, React, Figma and Node.js
  - Contributed to company projects (Ex: RPA Platform, Company Website)
- **SOFTWARE ENGINEER INTERN (PART TIME)** July 2023 - January 2024  
**EchonLabs IT Company** [Service Letter](#)
  - Gained hands-on experience with MongoDB, Express.js, Angular, and Node.js to develop full-stack applications.
  - Contributed to company projects (Ex: Company Official Website Revamp)
  - Adapted to company culture

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## SKILL AND STRENGTHS

- **Soft Skills** – Teamwork, Self-Improvement, Time Management, Quick Learner, Leadership Skills
- **Technical Skills**
  - Front-end: Angular, React.js, Tailwind CSS, SCSS, Bootstrap, CSS, HTML, JavaScript, TypeScript, Flutter
  - Back-end: Laravel, Node.js, Express.js, Nest.js
  - Mobile Development - Flutter
  - Databases: MongoDB, MySQL
  - Version Control: git, GitHub, GitLab, Bitbucket
  - Programming Languages: Java, C, Python, JavaScript, PHP

- Software Engineering Concepts: OOP, Agile, REST API, MVC Architecture
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## PERSONAL PROJECTS

- **Vehicle Management System**

I developed a vehicle service centre management system to streamline operations for advisors and admins. It automates job creation, service tracking, inventory checks, digital signatures, and bay assignments. The system also includes an admin panel for managing services, vehicles, and staff, improving workflow efficiency, transparency, and overall service management within the centre.

- Technologies Used : **Laravel, React.js, MySQL, Tailwind CSS, Rest API, git**

- **RPA Platform**

I contributed to the development of an RPA (Robotic Process Automation) solution that allows users to create and execute automated workflows for repetitive system tasks. The system provides a user-friendly interface where users can build workflows visually, step by step, similar to drawing a diagram. Once the workflow is created, the system uses Selenium to automatically perform the steps, replicating human interaction with the system. I was involved in both frontend and backend development. This project helped streamline repetitive tasks and offered a scalable solution for process automation.

- Technologies Used : **JavaScript, Laravel, MySQL, Selenium, CSS, HTML**

- **Driver Application**

I developed a comprehensive Driver Application Management System consisting of two separate mobile applications—one for customers and one for drivers—along with an admin panel for centralized management. The customer app allows users to schedule future trips with drivers using their own vehicles, view trip history, track ongoing trips, make payments, and submit feedback for completed journeys. The driver app enables drivers to receive and manage trip requests, update trip statuses, and monitor their earnings and past trips. An admin panel oversees the entire system, including managing trip requests, verifying driver profiles, handling customer complaints, and processing driver payments. This project was designed to streamline communication and operations between customers, drivers, and administrators, ensuring efficient service delivery and enhanced user experience.

- Technologies Used : **Flutter, NestJs, MySQL, React, TailwindCSS**

- **Online Pizza Ordering Site**

- Technologies Used : **Angular, Node.js, Express.js, MongoDB, Rest API, git,**
- [Project Repository](#)

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## EDUCATION

- **Faculty of Applied Sciences - University of Sri Jayewardenepura** - 2021 - Present
  - BSc (Hons) in Computer Science (4th year undergraduate).
- **Siksil Institute of Business and Technology** – 2020
  - Diploma in Business IT.
- **Bomiriya National College, Kaduwela** - 2010 – 2018
  - G.C.E. (A/L) and G.C.E.(O/L)

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## EXTRACURRICULAR ACTIVITIES AND CERTIFICATES

- SQL(Basic) certificate in Hacker Rank

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## REFERENCES

- Dr. P. Ravindra S. De Silva  
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Department of Computer Science  
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