

Hashitha Dilshan [1 Year + Experience as an associate software engineer]



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Professional Summary

First Class Honours graduate in B.Sc. (Special) in Computer Science from Wayamba University of Sri Lanka (GPA: 3.82), currently working as an Associate Software Engineer. Skilled in full-stack development with hands-on experience in developing web-based systems. Strong foundation in software engineering principles, object-oriented programming, design patterns and cybersecurity. Experienced in Agile environments with a background in system design, network troubleshooting, and database-driven application development. Demonstrated leadership and academic excellence through multiple Dean's List recognitions. Actively seeking opportunities for continuous learning and impactful contribution in software engineering, game development and cybersecurity domains.

Experience

- Associate Software Engineer at Biometrix Pvt. Ltd. - (Since 2024/05/20)**
Designed various web applications as a full stack developer including ADMS, POS, PMS and more.
- ICT Technician at Eyon Entertainment - (2018/10/01 - 2018/12/31)**
Designed an Inventory management system using MS Access and VB.NET. Designed an employee management system using MS Access and VB.NET. Day to day handouts and adds designing
- ICT Technician at Divisional Secretariate – Warakapola - (2019/07/01 - 2019/09/30)**
Maintained a mail management system. Troubleshooting and maintaining the internal network. Computer hardware troubleshooting
- Draughtsman at Dream Home Plans - (2018/01/17 - 2018/07/61)**
Designing house plans using Easy-CAD and AutoCAD. Maintaining salary management system

Education

- B.Sc. (Special) in Computer Science – First Class Honours**
Wayamba University of Sri Lanka (GPA: 3.82)
December – 2024
- NVQ Level 4**
 - Information & Communication Technology**
Technical College, Warakapola
 - Engineering Draughtsmanship**
Technical College, Warakapola
- Diplomas**
 - Diploma in Graphic Designing**
ESOFT Metro Campus, Kegalle
 - Diploma in AutoCAD (2D & 3D)**
ESOFT Metro Campus, Kegalle
- G.C.E. Advanced Level – Kegalu Vidyalaya, Kegalle**
 - ICT - C
 - Physics - C
 - Combined Mathematics - S

Technical Skills

- Languages:**
JavaScript, Java, Python, Dart, PHP, C, HTML, CSS
- Frameworks & Libraries:**
Node.js, Express.js, React.js, Next.js, Vue.js, Flutter, Laravel, CodeIgniter, jQuery, Bootstrap
- Databases:**
MySQL, MongoDB
- Tools & Platforms:**
Linux, OpenGL, Git
- Design & CAD:**
Photoshop, Illustrator, AutoCAD (2D & 3D)

Soft Skills

- Attention to Detail
- Creative Problem Solving
- Leadership & Organization
- Time & Task Management
- Fast Learner / Self-Motivated
- Multitasking Ability

Projects

- **One-way ANOVA Analyzer (Java GUI)** - [GitHub](#)
A statistical tool built with Java and NetBeans IDE to calculate ANOVA tests.
- **One-way ANOVA (Web Version)** - [GitHub](#)
Converted to a web version using JavaScript, HTML, and CSS with jQuery implementation.
- **Results Analyzer (ExpressJS + EJS)** - [GitHub](#)
System to manage student profiles, results, GPA calculations, and Dean's list reports.
- **Weather API App (ExpressJS)** - [GitHub](#)
API-based weather app with scheduled email reports using task automation.
- **FASNET Mobile App (Flutter, Dart, ExpressJS, MySQL)**
Mobile application integrates a results analyzer, LMS, and other student services into a unified system.
- **Game Engine with Java and OpenGL (Java, JOGL)** - [GitHub](#)
Demonstrating OOP principles, OpenGL rendering using JOGL, including a custom animation engine to replace default FPS animators for smoother performance.
- **Attendance Marking System (Flutter, Dart, ExpressJS, MongoDB)** - [GitHub](#)
Mobile app uses QR code scanning for lecture attendance tracking, confirming both time and location
- **Attendance Data Management System (Vue.js)**
Front-end interface for the ADMS used by Biometrix Pvt. Ltd. to manage and visualize attendance data.
- **Hotel Management System (Vue.js, Laravel)**
Full-stack solution for Biometrix Pvt. Ltd. includes OTA integration, POS, billing system, room and rate management, housekeeping, restaurant management and support for multiple room types and pricing plan

Leadership & Volunteering

- **Vice President, Association of Computing and Information Systems Students**
Wayamba University (2019/2020)
- **Junior Treasurer, Association of Computing and Information Systems Students**
Wayamba University (2020/2021)
- **Member, Association of Computing and Information Systems Students**
Wayamba University (2018/2019)

Academic Achievements

- **Dean's List – 4 Consecutive Years**
 - 2018/2019 (Level 1)
 - 2019/2020 (Level 2)
 - 2020/2021 (Level 3)
 - 2021/2022 (Level 4)

Final Year Research Project

- **Title: Automated ER Modeling Tutor – A Web-Based Tutoring System**
Developed a dynamic platform where students can learn ER modeling through interactive activities, while instructors can create and manage content.

References

- **Mr. T. Arudchelvam**
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