

# Krithiga D. Balakrishnan

📍 Wattala, Gampaha    ✉ krithiga\_db@outlook.com    ☎ 077 595 2095    🔗 krithigabalakrishnan.netlify.app

in Krithiga Balakrishnan    🌐 Krithiga-Balakrishnan

## Summary

An enthusiastic Software Engineering undergraduate specializing in Information Technology, with a solid foundation in object-oriented design principles, cloud automation, and CI/CD practices. Proficient in Python, React.js, Java, and the MERN stack. Experienced in developing scalable systems using Docker and AWS, and currently utilizing Microsoft Azure in final-year research. Skilled in Agile methodologies, unit testing, and secure DevOps pipelines using GitHub Actions and tools such as Snyk. Passionate about innovation, AI, and building resilient software systems

## Experience

### Associate - Full-Stack Developer, Codrizon Pvt Ltd

Colombo-05  
09/2024 – Present

- Writing and maintaining high-quality code for various applications.
- Debugging and troubleshooting software issues to enhance system performance.
- Collaborating with the development team on diverse projects, ensuring alignment and efficiency.
- Participating in code reviews to maintain coding standards and best practices.
- Contributing to the development of comprehensive software documentation.
- Assist in the design and implementation of new features to improve user experience.

### Data & Accuracy Coordinator, GSS International Pvt Ltd

Nugegoda, Colombo  
10/2023 - 2021

- Managed multiple teams, ensuring timely delivery of reports and project updates.
- Coordinated meetings with clients to uphold accuracy standards and expectations.
- Led teams to achieve data accuracy and enhance client satisfaction across projects.
- Oversaw the planning and delivery of new projects, ensuring that all timelines were met.
- Flagged risks to delivery timelines early and proposed alternatives to keep projects on track.

### Assistant Supervisor, GSS International Pvt Ltd

Nugegoda, Colombo  
2019 - 2021

- Coordinated reporting tasks across multiple projects, ensuring timely and accurate output.
- Supported client communication to clarify deliverables and align data outputs to business use cases.
- Assisted in process documentation and team onboarding to streamline report production.
- Oversaw daily progress and escalated blockers to meet delivery goals.

### Data Analyst, GSS International Pvt Ltd

Nugegoda, Colombo  
2017 - 2019

- Analyzed business-critical data to support decision making.
- Statistically validated data for user-friendly interpretation.
- Facilitated staff development through training and supervision of cross-project teams.

## Technologies & Skills

**Languages & Frameworks:** Java, Python, Kotlin, C#, C, JavaScript, HTML/CSS, React.js, PHP (.NET Framework)

**Web & App Development:** MERN stack, Bootstrap, Tailwind CSS, Android Development

**Database:** MySQL, MSSQL, MongoDB

**Version Control & Project Management:** Git, GitHub, GitLab, Jira, Trello

**IDEs & Tools:** VS Code, Visual Studio, Eclipse, NetBeans, Android Studio, Jupyter Notebook

**Testing & Analytics Tools:** JUnit, Selenium, Postman (API Testing), Power BI, Grafana, Tableau

**DevOps & Cloud:** Docker, AWS, Azure (Final year project), GitHub Actions (CI/CD), Snyk (Security)

**Concepts & Practices:** OOP Design Patterns (MVC, Singleton, Factory), Agile, SRE Awareness, REST APIs

**Soft Skills:** Team Collaboration, Problem-Solving Skills, Adaptability, Leadership, Fast Learner, Stakeholder Communication, Documentation

Education

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<b>Sri Lanka Institute of Information Technology</b> , BSc (Hons) in Information Technology Specializing in Software Engineering - W GPA: 2.91/4.0 - Waiting for the results	2021 – 2025- June
<b>Java Institute for Advanced Technology</b> , Diploma in Software Engineering	2016 – 2017
<b>E-soft Metro Campus</b> , Diploma In English	2013 - 2013
<b>E-soft Metro Campus</b> , Diploma In Information Technology	2013 - 2013

Projects

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<b>Peer-to-Peer Parcel Delivery System</b> <div><ul style="list-style-type: none"><li>Android Kotlin app enabling peer-to-peer parcel tracking and QR code-based verification.</li><li>Travelers provide safety proof; customers input delivery data securely.</li><li>Tools Used: Kotlin, MySQL, GitHub Actions (CI/CD), Docker</li></ul></div>	<a href="#">GitHub- Link</a>
<b>Tourist Application with AR Navigation</b> <div><ul style="list-style-type: none"><li>Mobile app using AR to locate nearby attractions and transportation routes.</li><li>Implemented route guidance, visual overlays, and unit testing.</li><li>Tools Used: Python, Kotlin, SQL, Location Services, Selenium</li></ul></div>	<a href="#">GitHub- Link</a>
<b>Ticket Management System</b> <div><ul style="list-style-type: none"><li>Web and mobile system for QR-based travel history and ticketing.</li><li>Admin portal manages time allocation, pricing, and staff registration.</li><li>Tools Used: Bootstrap, JavaScript, HTML, CSS, MySQL</li></ul></div>	<a href="#">GitHub- Link</a>
<b>Theater Management System</b> <div><ul style="list-style-type: none"><li>Web system supporting bookings, food ordering, and finance management.</li><li>Allows employee and customer logins for multi-role access.</li><li>Tools Used: C#, JavaScript, HTML, CSS, MSSQL</li></ul></div>	<a href="#">GitHub- Link</a>
<b>Pet-Store Management System</b> <div><ul style="list-style-type: none"><li>Inventory and order management for pet products and financial reporting.</li><li>Admin dashboard to monitor goods, place orders, and generate reports.</li><li>Tools Used: Java, MSSQL</li></ul></div>	2019

Publications

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<b>Tour Around: An AR-Powered, Personalized Nearby Location Tour Companion</b>	Jan 2004
Tuijin Jishu/Journal of Propulsion Technology, <i>Krithiga Balakrishnan</i> , J. Shandeep, C. Sanjayan, <a href="#">10.1109/TASC.2023.3340648</a>	

Certificates

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<b>DevOps Fundamentals</b>	Sep 2024
<b>Jira Project Management</b>	Feb 2025
<b>GIT Tutorial</b>	Sep 2024
<b>Secure DevOps with GitHub Actions &amp; Snyk</b>	Project-based
<b>Introduction to MongoDB</b>	Jan 2024
<b>Python And Artificial Intelligence</b>	Dec 2022

Languages

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<b>English</b>	Fluent
<b>Tamil</b>	Native
<b>Sinhalese</b>	Advanced