



MOHAMED AHSAN

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- Colombo, Sri Lanka

EXPERTISE

- **Programming Languages**
 - C#
 - .Net
 - Angular
 - Basic Python
 - Java
 - PHP
- **Web Technologies**
 - HTML
 - CSS
 - JavaScript
- **Database**
 - PostgreSQL
 - MYSQL
- **Other Technologies**
 - Jira
 - Bitbucket
 - GitHub
 - Bootstrap
 - PG Admin - 4
 - Prime Ng

A dedicated and hardworking graduate in Engineering Technology with a strong enthusiasm driven by a passion for excellence, actively seeking opportunities to gain new experiences and embrace challenges. Eager to apply acquired skills in a dynamic environment, demonstrate a commitment to teamwork, and contribute to the success of the company

EDUCATION

- Bachelor of Information Technology** 2021 - 2024
University of Colombo School of Computing
- Bachelor of Engineering Technology (Hons) in Industrial Automation & Robotics** 2018 - 2022
GPA 3.12- University of Kelaniya
- 2016 - G.C.E Advanced Level** 2014 - 2016
Giri/Kekunugolla National School

WORK EXPERIENCE

Junior Software Engineer Jan 2024-Present HT Works Private Limited - Colombo, Sri Lanka

- Collaborating with a team of 10+ developers to design and implement new features and enhancements, leading to a 20% increase in application functionality.
- Participating in code 100+ reviews to ensure code quality, maintainability, and adherence to coding standards, reviewing an average of 15 pull requests per week.
- Troubleshooting and debugging issues promptly, ensuring timely resolution and achieving a 95% issue resolution rate with minimal disruption to operations.
- Actively participating in Scrum meetings, contributing to sprint planning, daily stand-ups, and retrospectives, facilitating efficient project execution and continuous improvement across 20+ sprints.

Trainee Software Engineer Jul 2023-Jan 2024

- Developed dynamic and responsive web interfaces with Angular, enhancing user experience for over 600 users.
- Utilized the C# programming language to construct robust back-end services and APIs, ensuring seamless data flow and integration.
- Optimized data storage, retrieval, and management with SQL-based database solutions, achieving a 30% improvement in query performance.
- Collaborated effectively within the .NET framework, contributing to the successful deployment of 3 major projects.
- Gained hands-on experience in the complete software development life cycle by working closely with senior developers to design and implement software solutions.

LANGUAGE

- English
- Sinhala
- Tamil

ADDITIONAL SKILLS

- Diploma in Microsoft Office
- Special Diploma in Network Administration
- Certificate in Leadership Training

COMPETENCIES

- Creativity
- Communication
- Problem Solving
- Time Management
- Team Work
- Attentive to Detail
- Adaptability
- Leadership
- Analytical Skills

REFEREES

Dr. Pradeep Samarasekera

Senior Lecturer at University of Kelaniya

Phone: +94-71-666-33-40

Email: predeeps@kln.ac.lk

Mr. Nazick Nizamdeen

General Manager at Newcom Computer Systems

Phone: 074 068 2064

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Industrial Engineering - Intern

Oct 2021-Apr 2022

Brandix Essential Limited - Sri Lanka

- Ensure comprehensive style analyses, managing information on operations, methods, SMV, and machine requirements
- Conduct efficient work and time studies to identify and address production issues.
- Review and report daily efficiency, hourly production, and machine requirements for streamlined production.

PROJECTS

PURCHASE, PRODUCTION, SALES AND INVENTORY MANAGEMENT SYSTEM: FOR RICO BOOTS (Ongoing)

Currently developing a comprehensive inventory management system for Rico Boots as a part of the final year project for BIT. The system designed integrates Angular, Spring, JRE11, and MySQL Server 8 to automate and optimize purchase, production, sales, and inventory processes enhancing operational efficiency.

Technologies used (Angular | Entity Framework .Net Core | MySQL)

QUICK CHANGEOVER MONITORING SYSTEM: (2021 - 2022)

Designed and implemented an efficient system to monitor quick changeovers, optimizing operational processes for increased productivity for Brandix Essential Ltd.

Technologies used (HTML | CSS | PHP | Ajax | JavaScript)

COST-EFFECTIVE PATIENT MONITORING SYSTEM: (2019- 2020)

Developed a cost-effective patient monitoring system, ensuring accurate and reliable health data for improved healthcare outcomes.

Technologies used (Arduino | IOT | Wiring | Planning | Simulation and Development)

ACHIEVEMENTS

- Microsoft Certified: Azure AI Fundamentals (AI-900).
- Lean Six Sigma Green Belt certified.
- Winner of commerce competitions.
- Winner of all island magazine creation competitions.