

Thamasha (Tam) Galahena

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Education	<div><div>M.Sc Information Technology - Deakin University, Melbourne, Australia</div><div>Feb 2023 - Oct 2024</div><div>(Specialised in Software and Services Development)</div><div>B.Sc. Computer Engineering – Polytechnic University of Turin, Turin, Italy</div></div>
Experience	<div><div>Chameleon - Smarter World - Full Stack Developer - Melbourne, Australia</div><div>Feb 2024 - Oct 2024</div><div>Collaborated in a team to develop and deploy over 5 website components using Next.js and Tailwind CSS. Implemented a CI/CD pipeline with Jenkins, reducing deployment time by 30% and increasing release frequency. Deployed the pipeline on Google Cloud Platform (GCP) and provisioned 10+ resources with Terraform, enhancing infrastructure scalability and cutting manual setup time by 40%. Mentored junior developers, providing guidance and support to help them get up to speed on project tools and processes.</div><div>Studio Ass. Petrella Capitini Di Dio - IT Consultant - Rome, Italy</div><div>Jul 2022 - Dec 2022</div><div>Led the migration of payroll operations to a new Zucchetti HR Payroll software, overseeing the successful transition of over 5,000 payroll entries. Customised the system using the .NET framework and C# to meet company-specific requirements. Migrated legacy data with SQL, achieving a 100% data accuracy rate and reducing payroll processing time by 20%.</div><div>Banca Intesa Sanpaolo - IT consultant - Turin, Italy</div><div>Jan 2022 - June 2022</div><div>Conducted comprehensive data analysis to identify patterns in customer behaviour, contributing to strategies that improved customer engagement by 15%. Collaborated with senior IT consultants to implement project plans and managed cross-team coordination to ensure timely milestone completion. Supported the preparation of over 10 presentations and reports for management and client reviews.</div><div>Satispay - Junior Software Engineer - Milan, Italy</div><div>Jan 2021 - Dec 2021</div><div>Worked with senior engineers to develop and maintain applications using React, Redux, and TypeScript, enhancing code quality through active participation in 20+ code reviews. Conducted unit testing and debugging, improving software reliability by 30%. Integrated RESTful APIs to enable real-time data access, facilitating more responsive and efficient user experiences.</div></div>
Projects	<div><div>Supply Chain Optimization Platform - (Python, Docker, Kubernetes, Azure, Terraform)</div><div>Sep 2024</div><div>Developed and deployed a scalable inventory management application with a microservices architecture, supporting over 10,000 inventory transactions per hour. Built with Python and containerized using Docker, the app was orchestrated with Kubernetes on Azure and fully deployed using Terraform. This setup reduced resource costs by 25% and enabled rapid scaling, highlighting expertise in microservices, cloud infrastructure, and efficient resource management.</div></div>
Skills	<div><div>Programming - C, Java, Python, HTML, CSS, JavaScript, SQL, Matlab</div><div>Frameworks/Technologies - React, Node.js, Express.js, Next.js, TypeScript, JUnit, OpenAI API, RESTful APIs</div><div>Developer Tools - Git, Docker, GCP, Azure, VS Code, Kubernetes</div><div>Libraries - NumPy, pandas, Matplotlib, Scikit-learn</div><div>Project Management - Agile, Scrum, Jira, Github, Jenkins, , CI/CD Pipelines</div></div>
Languages	<div><div>English – Native</div><div>Sinhala – Native</div><div>Italian – Fluent</div></div>
Referees	<div><div>Barry Chen - Project Lead, Chameleon - Smarter World - barry.chen@deakin.edu.au</div></div>