Lester Correya

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📍 Melbourne, Victoria, Australia
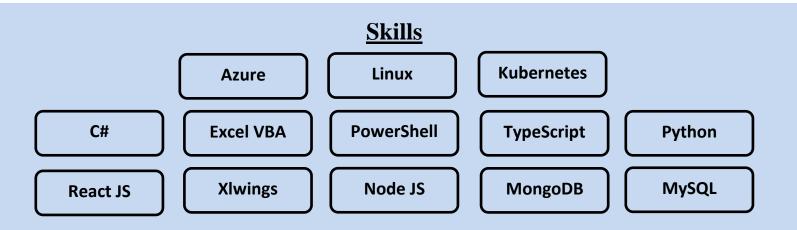
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About me

I'm a full stack developer and an Azure engineer with over a year of experience in developing and maintaining full stack web applications with Azure services. I'm adept at writing efficient and clean code in multiple programming languages and always committed to staying current with new technologies and industry trends to continuously improve my skills and deliver outstanding results. In addition to my technical abilities, I am also a strong team player and an excellent problem solver.

Skills

Azure	**Linux**	**Kubernetes**
C#	**Excel VBA**	**PowerShell**	**TypeScript**	**Python**
React JS	**Xlwings**	**Node JS**	**MongoDB**	**MySQL**

Education

Master of Information Technology |Pursuing|
RMIT University   *Melbourne, Victoria, Australia*

Bachelor of Engineering | 2018 – 2022 |
DSCE   *Bangalore, Karnataka, India*
(*Graduated with 8.73 CGPA*)

Certifications

- **Microsoft Azure Fundamentals**
  Microsoft

- **Full Stack Java and Python Course**
  Uttara Info Solutions

- **React JS – frontend web development**
  EdYoda Digital University

Social Links

github.com/lestercorreya

linkedIn.com/in/lester-correya

Portfolio website – **https://lestercorreya.com**

Portfolio website Source Code – **https://github.com/lestercorreya/Portfolio.git**

Experience

- **Application Development Officer**   **|** January 2024 – Present **|**

  RMIT University - Melbourne, Victoria

  o Developed and maintained custom **Excel VBA** solutions in collaboration with cross-functional teams. These solutions optimized various business processes through automation, leading to enhanced efficiency.

  o Conducted training sessions for end-users to enhance their proficiency in using custom software solutions, improving overall user adoption.

  o Implemented integration of **Xlwings** with **Python** enabling seamless interaction between Excel and Python environments for enhanced data processing and analysis.

  o Implemented database storage APIs using **Flask** to enhance data management, enabling seamless storage, retrieval, and manipulation.

  Technologies Used – Excel VBA, Xlwings, Python, Flask

- **Junior Backend Engineer**   **|** April 2023 – July 2023**|**

  Stomble - Sydney, New South Wales (Remote)

  o Used **Logic apps** for Triggering actions based on pre-defined schedules, like sending daily reports or weekly reminders.

  o Optimized database queries and implemented indexing strategies in **PostgreSQL**, resulting in an improvement in query performance and reduced response times.

  o Defined pipeline configurations for steps within each stage such as installing dependencies, running build tools, executing tests, and deploying the software using **YAML** in **Azure Pipelines**.

  o Actively participated in **Agile** development processes, including daily stand-ups, sprint planning, and retrospectives, to foster effective collaboration and timely delivery of features.

  o Implemented horizontal pod autoscaling in a **Kubernetes** cluster to dynamically adjust the number of pod replicas based on CPU utilization.

  Technologies Used – Azure Logic apps, Kubernetes, PostgreSQL, YAML, Azure Pipelines, Agile Methodology

- **Associate Software Developer**   **|** June 2022 – November 2022 **|**

  Vah Vah Institute Pvt Ltd - Bangalore, India

  o Created Infrastructure as Code (**IaC**) templates using **ARM** and **Bicep** to provision and manage Azure resources efficiently, ensuring consistency and scalability across environments.

  o Used **Powershell** to Manage resources in Azure, including provisioning, configuration, and deployment of services.

  o Automated repetitive tasks like user creation, permission management, software installation, and configuration on Windows systems using **powershell**.

  o Developed high-performance, SEO-friendly web application using **Next.js** and **TypeScript**, leveraging both server-side rendering (**SSR**) and static site generation (**SSG**) capabilities.

  Technologies Used – IAC with ARM and Bicep, Powershell, Next JS, Typescript, SSR, SSG