

# BHOMIK KINGER

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## EDUCATION

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### SWINBURNE UNIVERSITY OF TECHNOLOGY

Bachelor of Software Engineering (Honours)

Melbourne, VIC

Dec 2022

## TECHNICAL SKILLS

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**Languages:** Python, JavaScript, Java, C++, C#.NET, Swift, HTML/CSS

**Cloud & Data Platforms:** Google Cloud Platform (GCP), BigQuery, Vertex AI, AWS

**Data Engineering:** DBT, Dataform, Apache Airflow, Data Modeling, ETL Pipelines

**Web & App Development:** React.js, Node.js, MongoDB, React Native, ASP.NET

**Machine Learning:** NLP, Transformers, Hugging Face, LangChain, Prompt Engineering, Vector Search (FAISS)

**Tools & DevOps:** Git, Docker, Jupyter, Postman, REST APIs

## WORK EXPERIENCE

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### DELOITTE

Senior Engineer - Software and Data Engineering

Melbourne, VIC

Jan 2025 – Present

- Engineered and optimized scalable data pipelines using **Google Cloud Platform (GCP), DBT, and BigQuery**, improving data reliability and processing speed.
- Designed and deployed data models and transformation workflows to support **analytics, dashboards**, and emerging **ML use cases**.
- Led the development of project proposals and solution architectures, aligning business requirements with modern data engineering practices.
- Partnered with cross-functional teams and stakeholders to gather requirements, streamline workflows, and promote **data-driven decision-making** across projects.
- Initiated upskilling in **LLM infrastructure readiness**, exploring **embedding generation, vector databases**, and GCP's **Vertex AI** tools for future-facing solutions.

### TELSTRA

Software Engineer

Melbourne, VIC

Feb 2023 – Jan 2025

- Utilized **Java, AWS, and Spring Boot** to develop and maintain applications, ensuring seamless functionality
- Demonstrated expertise as an **AWS Certified Cloud Practitioner**, proficiently navigating cloud services to meet project needs
- Applied **Agile methodologies** to manage projects efficiently, ensuring timely delivery and client satisfaction
- Executed **stress volume testing** on services to ensure robustness and scalability, guaranteeing optimal performance under high loads

### SOUTH EAST WATER

Software Engineer Intern

Melbourne, VIC

Dec 2021 – Feb 2022

- Built a full functioning **ASP.NET** web application with a friendly user interface using **React.js** meeting the stakeholder requirements
- Developed **RESTful APIs** that can connect to the existing **SQL** Server database and cater to the project requirements
- Tested software for bugs and operating speed, fixing bugs, and documenting processes to increase efficiency by **18%**
- Updated the existing project from **Python 3.6 to Python 3.9** and replace the deprecated .NET bindings with the **Python.NET**

## TECHNICAL PROJECTS

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### SORTING VISUALIZER

Website, Github

Feb 2022

- Built **React** application for visualizing sorting algorithms
- Implemented Bubble Sort, Insertion Sort and Merge Sort

### YELP-CAMP

Github

Dec 2021

- Created full-stack **Node.js** web application allows users to add, review and rate different campgrounds
- Integrated **Mapbox API** to show the location of different campgrounds on the map

- Uses Cloudinary Database to store image uploads of the campground
- Uses **MongoDB** to store data of users and campgrounds

## TO-DO LIST (iOS APP)

Feb 2021

Github

- Developed iOS To-do list app to learn Apple's brand-new framework **SwiftUI**
- Designed for users to quickly and easily add and delete tasks providing a **quality user experience**