

Snekith Karthikeyan

snekith99@gmail.com • 0426 679 046

[LinkedIn](#) • [GitHub](#) • [Portfolio](#)

EDUCATION

Monash University

Bachelor of Software Engineering (Honours)

Expected Graduation Dec 2024

Melbourne, VIC

EXPERIENCE

Infosys

Software Test Engineer

Feb 2024 – Present

Melbourne, VIC

- Designed and implemented a robust Java-based test automation framework to facilitate parallel execution of web applications and API requests, enhancing overall testing speed and effectiveness.
- Optimised automated test scripts using OOP principles such as inheritance and abstraction to leverage existing classes and methods, to ensure new test cases can be added efficiently.

Deloitte

Oracle Vacationer

Jan 2024 – Feb 2024

Melbourne, VIC

- Developed, optimised, and executed SQL queries and PL/SQL scripts to enhance database performance and ensuring efficient data retrieval.
- Acquired comprehensive knowledge in Oracle Cloud Infrastructure (OCI) by applying Oracle Cloud services for quality-driven and cloud-based solutions.

Coles Group

Software Test Engineer

July 2023 – Dec 2023

Melbourne, VIC

- Developed and consistently updated automated test scripts using Java to ensure thorough test coverage for increased efficiency and extensibility within the framework.
- Employed Selenium for web application automation, addressing UI interactions, and performing data validation. Additionally, conducted API testing and validation using Postman to guarantee the integrity of backend services.

180 Degrees Consulting Monash

Tech Project Consultant

July 2023 – Dec 2023

Melbourne, VIC

- Created visually appealing and user-friendly interfaces using Figma, skilfully designing wireframes, mock-ups, and prototypes in alignment with client requirements.
- Utilised technologies and frameworks such as JavaScript, React.js, and CSS to develop responsive, dynamic, and interactive web pages for front-end development.

PROJECTS

Nine Men's Morris | *Python, Object-Oriented Programming, Game Development*

- Designed complex class diagrams and adhered to OOP principles to create an efficient and extensible framework.
- Developed a user-engaged game for Nine Men's Morris using pygame, with the option to play versus another player or the computer.

Mario Game | *Java, Object-Oriented Programming, Game Development*

- Designed complex class diagrams and adhered to OOP principles to create an efficient and extensible framework.
- Developed an interactive game of Mario, with a wide range of enemies, resources, levels, health utilities and weapons.

Project Backlog Manager | *HTML, JavaScript, CSS, Web Development*

- Developed an interactive web application using HTML, JavaScript, and CSS to create a Project Backlog Manager
- Created a dashboard with features such as a Sprint Backlog (Active, Completed and Not Started), Team List (with analytics on the work they have done) and Task Allocation (assigning to members, story points, priority, and tags)

SKILLS

- Programming languages: Java, Python, SQL, C, Swift, JavaScript, HTML, CSS, MATLAB, R
- Technological tools: Postman, Stibo Systems, Selenium, Maven, Figma, Git
- Frameworks: React.js, Next.js