# **Arsh Upadhyaya**

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**EDUCATION**

**University of Queensland** **Brisbane, Australia**

*Bachelor of Engg. (Honours) in Software Engineering Sept ‘20 - Jul ‘25*

**Relevant Courses** - Introduction to Programming, Cloud Computing, Software Architecture, Artificial Intelligence, Machine Learning, Functional Programming, Database Management Systems

**WORK EXPERIENCE**

**Blackfoot Capital Ltd Remote**

*ML Engineering Intern Dec ‘23 - Mar ‘24*

**PROJECTS**

**Escape Earth Game** Jul ‘23 - Nov ‘23

*Group Project*

* Maintained the feature branch, resolving **20+ merge conflicts** through collaboration with team members.
* Created **10+ animations** and managed asset collection to enhance minigames.
* Developed **15+ unit tests** and fixed **10+ code smells** to improve code quality.
* Debugged and refactored code, ensuring compliance with established design patterns.
* Supervised UML and sequence diagram creation, ensuring project consistency.

**SKILLS & INTERESTS**

**Tools:** C/C++, Python, Java, HTML/CSS/JavaScript, React, MySQL, Haskell, SonarQube, GitHub, Matlab, VS Code

**Technologies:** Hadoop, Docker, Kubernetes, Terraform, AWS, GCP