

# AGASTYA MUDGAL

agastyamudgal@outlook.com ♦ <http://www.linkedin.com/in/agastya-mudgal> ♦ Singaporean Citizen

## EDUCATION

<b>Monash University</b> Bachelor of Computer Sciences ( <i>Major: Advanced Computer Science</i> ) GPA 6.12/7	<b>Melbourne</b> <i>November 2025</i>
<b>Singapore Management University</b> <i>Artificial Intelligence: Building AI Capability with Basic Coding for Business</i>	<b>Singapore</b> <i>2021</i>
<b>Anglo – Chinese School (International)</b> <i>IGCSE and IB Diploma</i>	<b>Singapore</b> <i>2012 - 2016</i>

## WORK EXPERIENCE

<b>TenetIQ</b> <i>Analyst &amp; Software developer</i> <ul style="list-style-type: none"><li>➤ Developing full stack of the platform, while also contributing to marketing segments to align product development with market needs.</li><li>➤ Researched and analyzed various (100) blood markers (implications and optimal levels)</li><li>➤ Provided valuable insights to drive product focus (ANZ market) and constructed effective go-to-market strategies for product life cycle.</li></ul>	<b>Melbourne</b> <i>November 23 – April 2024</i>
<b>Natura Commodities   Pacific Products Global Ltd.</b> <i>Market Analyst Intern</i> <ul style="list-style-type: none"><li>➤ Analyzed and generated comprehensive reports on various timber, nuts, and biomass markets for lucrative investments.</li><li>➤ Designed and crafted high-quality deliverables for investing partners.</li><li>➤ Developed deep understanding of carbon markets and industrialization of large manufacturing projects (\$300M+)</li></ul>	<b>Bangkok</b> <i>December 23 – February 2024</i>
<b>11point2</b> <i>Engineering Intern</i> <ul style="list-style-type: none"><li>➤ Contributed to \$500M+ projects; researched and curated final deliverables including thesis and Techno Economical Model (TEM); conducted engineering-based calculations and economic trend analysis.</li><li>➤ Developed a deep understanding in engineering (manufacturing), economical (including financial), and trades of Hydrogen, Ammonia, Wind &amp; Solar energy (2-3 GWatts), Carbon emissions, and Carbon capture (3-4 M tonnes).</li><li>➤ Closely aided in project plannings of \$500M+ projects, focusing on optimizing manufacturing processes for efficiency and cost effectiveness.</li><li>➤ Acquired insights into administrative aspects of a successful business operations and the interplay between technical and commercial considerations.</li></ul>	<b>Adelaide</b> <i>November 2022- January 2023</i>
<b>Advisors Alliance Group</b> <i>Financial Services Internship</i> <ul style="list-style-type: none"><li>➤ Researched health and financial insurance numbers and created financial models for potential insurance plans.</li><li>➤ Created, a life and finance insurance plan, and devised a financial strategy to drive up customers, which was converted into a sale.</li></ul>	<b>Singapore</b> <i>June - July 2021</i>

## RELEVANT EXPERIENCE AND ACTIVITIES

<b>Web service for Conservation Council of SA</b> <i>Lead developer</i> <ul style="list-style-type: none"><li>➤ Leading a cross-functional team as the lead developer to deploy a web service for Conservation Council of SA, with specifications on new tree protections laws for property owners.</li><li>➤ Collaborated closely with legal experts and the Conservation Council to ensure alignment of the web service with complex regulatory requirements, resulting in a compliant and impactful solution.</li></ul>	<b>Adelaide</b> <i>July - November 2023</i>
<b>UofA Student Representative Council (YouX)</b> <i>General Secretary</i> <ul style="list-style-type: none"><li>➤ Elected to second highest position of office at the Adelaide University Student Represent Council.</li><li>➤ The SRC committee sits on and responds to issues in and around the university and works towards molding and constantly improving the experience of students in their time at the university.</li></ul>	<b>Adelaide</b> <i>December 2022- April 2023</i>
<b>Adelaide University Entrepreneurship Club</b> <i>Communications and Marketing Head</i> <ul style="list-style-type: none"><li>➤ Leading the marketing strategy and planning events for the largest student run, entrepreneurship club in Australia.</li><li>➤ Through the tenure, audience has increased by 122% with a decreased expenditure on resources.</li><li>➤ Holding continual dialogue with CEOs from Lot 14, startup incubators and venture capital partners.</li></ul>	<b>Adelaide</b> <i>August 2021- April 2023</i>

**Projects:** Java 2d game, java software application, Blockchain technology applications, C++ booking application.

## SKILLS & INTERESTS

<b>Coding skills and languages:</b> C++ (proficient), C (Proficient), Python (Proficient), Java (proficient), Solidity (elementary), HTML (Proficient), CSS (Proficient), PHP (Proficient), Dynamic programming, algorithms and data structures, software development
<b>Skills:</b> Full-stack developer, Microsoft Office, leadership, marketing, networking, strategy consulting and presentation skills, technical and economical, intellij, Lucid chart, AI proficiency.