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NICHOLAS ANG

Jnr Software developer with a thirst for learning and creating solutions.js that challenge the norm

Education

Master of Information Technology - Swinburne University VIC   Jul 2021 - Jun 2023
• UNIHACK Sponsorship Officer, Web Dev, Data Management, Algorithms and Data Structures.

Software Development Bootcamp – Le Wagon VIC   Jul 2021 – Sep 2021
• Ruby, Ruby on Rails, JavaScript, HTML, CSS, SQL.

Bachelor of Chemical Engineering – Curtin University WA   Feb 2011 – Sep 2015
• First Class Honours, Engineering Excellence Scholarship 2011 – 2015.

Projects

Saver – Customizable all in one productivity app – link
• Conceptualized a web application where users can place customizable widgets such as to-do lists, calendars, weather, sticky notes and Kanban boards on an empty dashboard.
• Currently pair programming in a continuous delivery team with plans to deploy first release in Sep 21.
• Leveraged knowledge: Agile development, Figma, Ruby on Rails, SQL, JavaScript, HTML/CSS.

Bookmark Storer – Web application to download and store personal web articles - link
• Created a local application to store website URLs in an SQL database using Ruby and Active Record.
• Developed a rake test file to troubleshoot and verify the program was passing test cases..
• Leveraged knowledge: Ruby, MVC, HTML/CSS, Test Driven Development, SQL, Active Record, OOP.

AWS Early Careers Innovation Program – Amazon Web Services 8-week design project
• Weekly workshops and webinars learning about cloud technologies and infrastructure (Aug – Oct 21).
• Working in teams to prepare a solution to a case study (Sep - Oct 21).

Professional Experience

Technical Manager/Technical Specialist – Holcim Concrete SA/VIC   Sep 2018 – Jun 2021
• Promoted in 2021 to independently lead technical services across the entire SA region.
• Coded an Excel tool that analyzed and overhauled the traditional 4-hour long cement optimisation process into minutes with higher detail and accuracy that saved more than $500,000 a year.
• Eliminated 50% of customer complaints by leading communications and building client relationships.

Graduate Engineer – Holcim QLD/VIC   Jan 2017 – Aug 2018
• Implemented 5S, lean six sigma and Kaizen analytics as part of a transformation team to streamline production inefficiencies which saved $1 million yearly and introduced new, sustainable technologies.
• Led the development of a power query dashboard that communicated improvement reports instantly.

Project Engineer – Fabricor Industries WA   May 2015 – Dec 2017
• Strengthened visitor count to the company website by an increase of 20% through adding features like a navbar, activity feed and site layout improvements using JavaScript, Bootstrap, HTML and CSS.

Skills and Extracurricular Activities

Languages:	Ruby (proficient), HTML/CSS (proficient), JavaScript (intermediate), Java (basic).
Technologies:	Ruby on Rails (proficient), SQL (intermediate), React.js (basic), AWS, Git.
Extracurricular:	Music Recording and Production, Tennis Coaching, Web App Development