

Jake Roeleven

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Career Goal

Looking to build on my experience in software development, design, and architecture skills as a software engineer to help create scalable, maintainable, and user-focused solutions. In the future, my goal is to advance into a Senior Software Engineering role and help development teams build software solutions that provides long-term and sustainable value.

Education

Bachelor of Software Engineering (Honours) Diploma in Professional Engineering Practice Distinction GPA (6.29/7) Dean's List Engineering 2021 <i>University of Technology Sydney (UTS)</i>	2018-2023 (expected)
Higher School Certificate <i>Muirfield High School</i>	2012 -2017
Certificate III Information Digital Media and Technology <i>NSW TAFE</i>	2016

Employment History

Product Developer SkyCiv Engineering	March 2020-Current
<p>Started as an intern in March 2020, achieving promotion to Junior Product Developer and then Product Developer. Worked as a full-stack software developer to provide web-based solutions for structural engineers.</p> <p>Achievements:</p> <ul style="list-style-type: none">• Developed, launched, and maintained of the SkyCiv Mobile Application which now has over 50,000 downloads across the Google Play Store and Apple App Store.• Implemented improved security systems, including two-factor authentication and 3D Secure online transaction support.• Rebuilt and relaunched SkyCiv Beam, one of the company's most used software modules, including developing a brand-new user interface for the program. <p>Responsibilities:</p> <ul style="list-style-type: none">• Maintaining the SkyCiv Platform, including managing billing, administration and account systems and integrating new software modules.• Researching, building, and improving new software modules such as a recently launched Cross Section Finite Element Analysis (FEA) module.	

Technical Skills

Frontend Development	HTML, CSS, JavaScript, React, Angular, jQuery, Next.js, Tailwind CSS, Material UI, Semantic UI
Backend Development	Node.js, Express.js, Python, C, C++, PHP, Laravel, Java
Database Technologies	MySQL, MongoDB, Redis
Other	VS Code, Git, Firebase, Android, iOS Development, Puppeteer, Mocha, Webpack, CD/CD

Transferable Skills

Leadership and Teamwork	Developed strong leadership skills after working in multiple successful teams, professionally and academically. Work well in small cross-functional and agile-based team environments, having achieved multiple high distinctions across software studio projects while at university.
Problem Solving	Experienced in technical problem-solving at a code development level while also building expertise in solving more complex macro software engineering problems related to fixing issues around scalability and maintainability of solutions while working at SkyCiv Engineering.
Communication	Professional and effective communicator when dealing with colleagues and understanding project requirements. Regularly communicate professionally with clients at SkyCiv when covering for customer support team members or resolving technical issues.
Organisation	Successfully balanced academic commitments whilst continuing to advance my professional career. Strong organisational skills have allowed me to perform to a high academic standard and receive many high distinctions. Professionally my organisation has allowed me to deliver projects on time and adapt to any last-minute changes required.

Extra-Curricular

Player - Northern Cricket Union	2009 - Current
<ul style="list-style-type: none">Played over 150 Matches for multiple clubs, umpiring, and scoring matches as required.	

Referees

Available on Request