

# STAN TSOUVALLAS

## WORK EXPERIENCE

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PERIOD	August 2016 — Present	
EMPLOYER	Dolby Australia	Sydney, Australia
JOB TITLE	Communications Software Engineer	
	⋈ Member of distributed SCRUM team across Australia / Poland / USA	
	⋈ Design and implementation of DVLARS facial identification service in C++ and Qt5	
	⋈ Presented DVLARS at IdeaQuest 2017 in San Francisco	
	⋈ Developed tool to generate Python bindings for C++ header libraries	
	⋈ Lead developer of Dolby Voice Reference Service (DVRs) VoIP internal alpha platform	
	⋈ DVRs fortnightly releases, alpha trials, stakeholder management, general maintenance and bug fixes	
	⋈ Led design and implementation of DVRs2 (DVRs successor) using asynchronous Python 3.5	
	⋈ AWS deployment of DVRs2 microservices and static infrastructure using CloudFormation and Boto3	
	⋈ DVRs2 web client design using React / Redux / Webpack	
	⋈ Lead developer of Dolby Voice Console (DVC) hardware provisioning service	
	⋈ Implementation and testing of DVC Django backend and AngularJS frontend	
	⋈ Design and implementation of DVC AWS architecture resulting in zero downtime rolling deployment	
	⋈ Integration of Karma test runner into DVC Gulp build pipeline	

PERIOD	March 2016 — August 2016	
EMPLOYER	Edumedia Group	Sydney, Australia
JOB TITLE	Software Developer	
	⋈ RESTful API design and implementation using Falcon framework for Python	
	⋈ Automatic report card generation and distribution using Jinja2 templating engine and AWS SES	
	⋈ Front end UI / UX development using React / Redux	
	⋈ Refactored legacy software into microservice architecture allowing greater scalability	
	⋈ Test and debugged iTutor Learning Suite in Delphi	

## EDUCATION

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PERIOD	January 2011 — December 2015
DEGREE	Bachelor of Mechanical Engineering (First Class Honours)
GPA	6.44 / 7
UNIVERSITY	The University of Adelaide
EXCHANGE	Czech Technical University in Prague
HONOURS	Dean's Certificate of Merit for Outstanding Academic Achievement Best Overall Project of 2014

## SKILLS

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Languages	C++, CSS3, Delphi, HTML5, Java, JavaScript (ES6), $\LaTeX$ , Python, SQL, YAML
Personal Website	<a href="https://stantsovallas.com">https://stantsovallas.com</a>
GitHub	<a href="https://github.com/stan-sack">https://github.com/stan-sack</a>
Stack Overflow	<a href="https://stackoverflow.com/users/5128936/stan-sack">https://stackoverflow.com/users/5128936/stan-sack</a>
Web Frameworks	AngularJS, Bottle, Chalice, Django, Falcon, Gulp, Jasmine, Karma, React, Redux, Webpack
AWS	API Gateway, CloudFormation, CloudFront, EC2, IAM, Lambda, RDS, Route 53, S3, VPC
Miscellaneous	Ansible, Bamboo, Boto3, Dlib, Docker, Git, GitLab CI, Jinja2, Linux, NodeJS, OpenCV Perforce, pybind11, Qt5, Redis, Swagger, Travis CI, Vagrant, WebRTC, WebSockets, Yarn

## OTHER INTERESTS

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Android Development	BlobGame available on Play Store
Meetups	AWS Sydney User Group, React Sydney, Android Australia Sydney User Group
Independent Study	Various software engineering courses on Stanford Online, Coursera and Udacity
Travel	Visited 46 countries

A U S T R A L I A

✉ STAN.TSOUVALLAS@GMAIL.COM