

ABHINANDAN SRINIVAS

COMPUTER SCIENCE AND IT GRADUATE

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[Website/Projects](#)

ABOUT ME

I am a Computer Science and IT Graduate with experience developing front end software and applications, collaborating with design, back-end and product teams, utilising Python, React, HTML, CSS, JavaScript, SQL, and more in the health, SaaS and education sectors. I have developed and designed a billing service interface for a client at Saemushi, working with AngularJS, ensuring high-quality UI and UX outcomes.

I am passionate about collaborating with multi-disciplinary teams to deliver high-quality and innovative value-add solutions. I am looking for an opportunity to utilise my skills in a new Front End Developer role.

KEY POSITIONS

Saemushi Pvt Ltd	Internship: Angular Development Oct 2020 – present Sydney, NSW
Western Sydney Local Health Service	Internship: Mobile App Development Aug 2019 – Nov 2019 Sydney, NSW
ANZ / University of Sydney	Project – Design and Technical Research Aug 2019 – Nov 2019 Sydney, NSW
University of Sydney	Bachelor of Computer Science & Technology Jul 2016 – Jul 2020 Sydney, NSW

MILESTONES

React

utilised for front end mobile app
at Westmead Hospital

SaaS

working with AngularJS at SaaS
company Saemushi

Python

utilised in the backend of
websites

KEY STRENGTHS

COMMUNICATION

Liaising with multi-disciplinary stakeholders at Western Sydney Local Health Service at Westmead Hospital. I met with clients to define project scope, understand their needs, and develop a mobile app to collect useful logistical data.

PROBLEM-SOLVING

Utilising my knowledge of IT and coding coupled with problem-solving skills to develop useful applications and webpages. I researched, designed & proposed an open banking application for ANZ bank, taking

PROACTIVE

Identifying areas of improvement and utilising my technical knowledge to deliver IT solutions. For example, during my time at Rocket Pizza, I developed a mobile responsive webpage that allowed for faster inventory control and ordering.

into account client privacy concerns.

CAREER HISTORY

Saemushi Pvt Ltd

Internship: Angular Development

Oct 2020 – present | Sydney, NSW (Remote Work)

Saemushi are a digital product studio who create seamless digital solutions. I am completing an Angular Development Internship delivering front-end web development solutions via Angular utilising effective HTML/CSS coding practices.

- Providing front-end web development solutions and implementing front-end change requests via Angular and GIT for SaaS start-up and clients
- Adhering to design documents, front end developer paradigm, and coding practices, delivering clear and concise logic to the team
- Collaborating with multiple back-end and design developers
- Developing & designing a billing service interface working with AngularJS
- Gaining knowledge of deploying the Amazon Web Services stack and back-end deployment services

MILESTONE

SaaS

front end web development solutions

Western Sydney
Local Health Service

Internship: Mobile App Development

Aug 2019 – Nov 2019 | Sydney, NSW

During this time, I completed a Mobile Application Development Internship at Western Sydney Local Health Service via Westmead Hospital. In a team of 5, we developed a new mobile application to allow emergency department services to monitor logistical data. I was responsible for coding the front end using React, coding in Python, and front/back end testing using testing libraries like JEST.

- Developing the front-end of a mobile application that collated emergency department logistical data such as bed availability, patient numbers, etc.
- Liaising with clients, setting reasonable scope and SMART goals, pair programming and delivering comprehensive testing procedures
- Using React to code the front end for use on iOS or Android devices
- Delivering front and back end testing using testing libraries, such as Jest to check React Native code and Pytest the server-side python code
- Testing the entire stack, with automated tests including unit tests, functional tests, system tests and benchmark tests
- Delivering code in Python and using the Flask micro web framework, as well as developing back end RESTful connection endpoints

MILESTONES

Python

coding on server-side

React Native

for mobile application

- Consuming data from the front end and passing it on appropriately for computation, and providing results in JSON format
- Integrating the mobile application with the hospital server & 4 hospitals across Sydney, including Blacktown, Auburn and Mt Druitt Hospitals
- Conducting 2-week sprints using scrum methodology, checking in with the client and making adjustments to code as required
- Handling confidential patient and hospital data
- Receiving a High Distinction grade of 87% for this internship
- Providing Westmead hospital with a functioning app and open source licence, Westmead Hospital are now in the pilot phase for the application

ANZ / University of Sydney

Project – Design and Technical Research

Aug 2019 – Nov 2019 | Sydney, NSW

During this time, I proposed an open banking application for ANZ and delivered

- Analysing the implications of open banking in Australia and researching benefits for ANZ and clients, and the technical feasibility of the product
- Collaborating with interdisciplinary specialists, ANZ reps and peers
- Conducting sound theoretical research, developing prototypes, proof of concept and design justifications for UI and UX, and presenting the results
- Performing design iterations and testing (SUS, Guerilla, Stress tests)
- Achieving a Distinction for the ANZ application proposal with 82%

University of Sydney

Bachelor of Computer Science & Technology

Jul 2016 – Jul 2020 | Sydney, NSW

I have completed a Bachelor of Computer Science and Technology at the University of Sydney. During this time, I delivered several front-end development projects including websites, games, data processors, using HTML, CSS, JavaScript, Python, and other programming languages, as well as using SQL Databases.

MILESTONE

UI & Algorithmic

projects delivered during my degree

- Building a social media website using the Bottle framework in Python with simple front end using Vanilla HTML, CSS, JavaScript & SQLite Database
- Processing large amounts of data simultaneously using apache Flink, enabling faster databases, running in parallel
- Building a kNN classifier for AI to predict diabetes testing using Java
- Developing a desktop game using CSS displaying coding and design skills

- Gaining knowledge of subtle nuances in design that have a lasting impact
- Understanding complex algorithms and data structures.

Rocketboy Pizza

Web Page Development / Delivery Driver / Customer Service

Aug 2017 – present | Maroubra, NSW

In this role, I developed a web page with React Java Script to help replace manual ordering of ingredients. The webpage was mobile responsive and staff could use it via a mobile device. It reduced the time spent counting stock and generated an email/message for the manager to place an order.

EDUCATION HISTORY

2016 – 2020

Bachelor of Computer Science and Technology University of Sydney

SOFTWARE SKILLS

	BASIC	INT	ADV
Python			
React JS			
HTML			
Java Script			
CSS			
MS Office Suite			
Angular JS			
Testing			
Machine Learning			
Server side Deployment			

REFEREE DETAILS

Available upon request