

Sunny Patel

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<https://github.com/sunnythepatel>

Professional Profile

- A motivated and enthusiastic graduate with a Master of Information Technology seeking a position to utilise my skills, particularly in the area of web and mobile development.
- Strong Skills in using various software programs and web frameworks such as MEAN stack and WAMP stack.
- Strong skills in developing mobile application in Android development and intermediate in iOS development.
- Currently teaching units like MEAN stack and Mobile App Development (Android and iOS App Development) in Monash University as a Sessional Teaching Associate.
- Completed three-month internship in Melbourne, Australia at a Council in IT department as a developer intern and looking for a suitable full-time position where I can use my strong communication skills and build professional relationships.

Key Skills Summary

- Possess strong knowledge of JavaScript web frameworks and proficient in various programming languages such as HTML/CSS, JavaScript, SQL, MEAN Stack Dev (Node JS, Express JS, MongoDB, Angular).
- In-depth exposure to SQL/NOSQL databases and their declarative query languages and usage for information retrieval.
- Experience in configuration management tools like GitHub, JIRA, VCS.
- Solid understanding of data types, data structures and algorithms.
- A strong team player with organisational, problem-solving and communication skills.
- Experience in developing Restful API and GraphQL.
- Good knowledge with Cloud platforms like Amazon AWS and Google Cloud with familiarity in Microsoft Azure
- Possess solid knowledge of entire software development lifecycle, and capable of preparing as well as maintaining technical documents
- Expertise in designing, developing, executing, testing, and debugging dynamic web pages or applications as well as performing modifications in existing code to add new features
- Adapt in integrating multiple data sources and third-party applications in web pages as necessary, and ensured maximum client satisfaction
- Flexible and ability to work under high pressure to ensure projects are completed within deadline.

Education

Professional Year

Aug 2019 – Current

Performance Education, Melbourne, Australia

Key Subjects: Australian Business Culture, Environment and Workplace Skills, Professional Business Communication

Master of Information Technology

July 2017 – June 2019

Monash University, Melbourne, Australia

Majors: Information Technology

WAM: 72.167

Achievements:

- Faculty of Information Technology Merit Scholarship.
- Monash Industry Team Initiative (MITI) Scholarship.

Bachelor of Engineering in Information Technology

Aug 2012 – May 2016

Sunny Patel

Savitribai Phule Pune University, Pune, India

Majors: Information Technology

WAM: 75

Achievements:

- Best Industry Project in the University.

University and Personal projects.

For more projects please visit my GitHub profile <https://github.com/sunny3p>

- **Smart Suburb**

Feb 2019 – May 2019

Monash University, Melbourne, Australia

Objective: SmartSuburb is a website application for new Australians, who do not have English as their first language and wish to invest in the Australian real estate market. SmartSuburb is a one-stop platform that aims to address all investment-related concerns. (<https://www.smart-suburb.tk>)

Duties: As a part of the team (5 member) my role was to work on mainly development part of the website as a full -stack web development.

- Used UI/ UX Design skills in developing demo prototype and Agile methodologies through each deliverable.
- Designed and Developed a platform for property investment for non-English speaking countries.
- Used Open Datasets and did data wrangling and visualize in form of charts and maps to give idea about different property.
- Performed key role in cross-functional teams through development, testing, and product launch.
- Involved in application design, site architecture design, using PHP, CSS, JavaScript and HTML programming to meet validation requirements.
- Used Amazon web services to host website tools such as EC2 instances, Route 53 and also gain good understanding of security group and elastic ip.
- **Leveraged Knowledge** in PHP, HTML5, CSS3, Bootstrap4, JavaScript, Ajax, jQuery, PHP cURL, Amazon Web Service, Cloudflare, Chart.JS, API, JSON, WordPress, MySQL, PhpMyAdmin and RDBMS Database.

- **oneStopHealth**

Jul 2018 – Nov 2018

Monash University, Melbourne, Australia

Objective: oneStopHealth is a website application to help people to track all health appointments and fitness related activities. (https://github.com/sunny3p/FIT5032A_1Final)

Duties: As an individual my work was to develop user stories and create the website as an ASP .Net Developer.

- Used UI/ UX Design skills in developing demo prototype.
- Designed and Developed a platform for health tracking and fitness.
- Used Datasets and did data wrangling and visualize in form of charts and maps to give idea about different property.
- Created the User Management for different user administrators such as Site Administrator and Site Users.
- **Leveraged Knowledge** in ASP .NET, HTML5, CSS3, Bootstrap4, JavaScript, Ajax, jQuery, JS Libraries, API, JSON, SQLSERVER and RDBMS Database.

Professional Experience

Software Engineer

Feb 2020 - Present

MeRC Monash University, Melbourne, Australia

Roles and Responsibilities:

- Junior DevOps-centric co-design & co-operate tasks associated with the surge of Research Cloud partnerships/co-operatives, driven by research requiring domain-specific advanced digital ecosystems.
- In particular, the health and social sciences domains, and the digital research infrastructure for data governance compliant workflows spanning cloud-native interfaces, VDI, storage, and computation.
- This position accelerates the establishment of best practices locally, nationally and internationally by central coordination of a critical mass of use-cases and the capturing of critical meta-data.
- Provide technical consulting expertise to researchers
- Apply strong analytical skills to implement and support solutions that meet the quickly evolving needs of researchers and anticipated future needs
- Contribute to effective client engagement to deliver on project goals
- Contribute to the development of new eResearch services for researchers and ensure integration with other components into complete solutions
- Contribute to the smooth operation of the University's eResearch infrastructure, systems, and services, including participation in the resolution of incidents in eResearch systems
- Contribute to the planning, development, and implementation of eResearch projects, to assist researchers to accelerate critical research steps, including data processing, analysis, management/visualization, simulation and modeling
- Contribute to papers and conference presentations where innovative ideas or methods result from implemented initiatives
- Maintain a strong understanding of developments in emerging technologies, computer hardware, IT security, software systems and algorithms relevant to research computing

Sessional Teaching Associate

July 2019 - Present

Monash University, Melbourne, Australia

Roles and Responsibilities:

- Preparing and delivering lectures, and conducting tutorials, seminars and laboratory sessions
- Advising students on academic and related matters
- Supervising work programs of postgraduate and honours students and tutorial staff
- Stimulating and guiding class discussions
- Compiling bibliographies of specialized materials for reading assignments
- Teaching Units which uses technologies like MEAN stack, iOS app Development, IOT Development, Tableau, R and MongoDB.
- Developing mini projects for the students to showcase knowledge.
- Teaches Units like FIT2095S2 (Mean Stack Web Development), FIT5140S2 (iOS and IOT App Development), FIT5141S2, FIT5097S2, FIT3143S2, FIT2081S1 (Android app development) and FIT5046S1 (Android app development).

Intern

Dec 2018 – Feb 2019

Hobsons Bay City Council, Altona, Australia

Roles and Responsibilities:

Project 1: Dashboard with The Planning and Reporting Software (Business Analyst)

- Used UI/ UX Design skills in developing demo prototype.
- Designed and Developed an automated and integrated platform for Council to view all of their projects.

Sunny Patel

- Integrated Data visualization in terms of showcasing all project performance in a Dashboard form.
- **Leveraged Knowledge** in Power BI, SharePoint Online, PowerApps, Workflow, Document and Report Generation, Different tools such as Zoho, Knack and Airtable.

Project 2: Virtual Reality: Development and Engagement (Developer)

- Used UI/ UX Design skills in developing demo prototype.
- Process Development for Council to integrate VR for engagement purpose.
- Use of Google Cardboard with Scope for mobile VR Deployment for one of their Drone images.
- Understanding of Drone and Total Station working to integrate with VR software.
- Use of Oculus Rift Hardware and API with Prospect to design VR Ready 3D model for construction project.
- **Leveraged Knowledge** in Oculus Rift Hardware and API, Iris VR Scope, Iris VR Prospect, Google Cardboard.

For other experience please visit my LinkedIn profile <https://www.linkedin.com/in/sunny3p/>

Employment Experience

Team Member

Feb 2018 – Nov 2019

Coles, Clayton, Victoria

Roles and Responsibilities:

- Greeting Customers, Scanning and Billing at the Service Checkout.
- Filling Grocery and Facing Product on self.
- Possess strong communication by clearing Customer query.
- **Leveraged Knowledge** in Teamwork, Communication, Pace Working, Problem Solving, Time Management

Personal Attributes

- Communication-Excellent interpersonal skills, as demonstrated through 1.5 years of experience in customer service"
- Time Management-Strong time management and organizational skills developed through 6 years of successfully combining work and university studies.
- Team Player- Excellent team dynamics, team player skills demonstrated through working in a team at internship and university.
- Leadership Skills- Excellent Leadership skills shown in Monash University as a student by leading team in different projects and also as a faculty leading group of tutors in a unit.
- Culture Competence – Good with working in different culture people in a team and successfully delivering project at Monash University and in the Hobsons Bay City Council Internship.
- Collaborative Learning- A good collaborator learner with the team. Handle a task totally new to me and in a team during my internship at Hobsons Bay City Council and also was recognized by my project manager for my quick learning.
- Strong communication skills, both written and verbal, developed while completing my master's degree and liaising with clients and colleagues at Hobsons Bay City Council and in other part-time work roles
- Ability to write formal emails and display a friendly and polite phone manner. Received up to 15+ calls per day at Hobsons Bay City Council. Received 10-15 mails per day at Monash University.
- Strong listening skills and ability to make informed decisions in high pressure situations as demonstrated while working at Coles during rush hour.
- Strong team spirit and ability to lead and work autonomously when required. Participated in weekly meetings and was part of a values team at Hobsons Bay City Council
- An ability to think creatively and technically and turn concepts into reality – designed and created 6 mini apps for students to teach while working at Monash University.

Publications

- [Hand-Gesture Recognition for Automated Speech Generation.](#)
- [Automated Speech Generation Survey](#)

References

Dr. Nawfal Ali,
Lecturer and Teaching Associate
Monash University, Melbourne, Australia
Nawfal.ali@monash.edu
Relationship: Head of the Unit

Marg Scanlon,
Manager Strategic Projects,
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Relationship: Project Manager

Josh Olsen,
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Monash University, Melbourne,
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Relationship: Head of the Unit

Available more referee upon request