

Mr. Akshay Holkar

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Objective

My goal is to become finest software developer and AI specialist through learning and working smartly and creatively.

Education

**Bachelor of Engineering (Hons) (Software),
Diploma in Professional Engineering Practice,
University of Technology Sydney (UTS)**

Mar 2017 - Nov 2021

- Application Programming
- Data Structures and Algorithms
- Software Architecture
- System Testing and Quality Management
- Software Engineering Studio
- Business Requirements Modelling
- Information System Development Methodologies
- Machine Learning

Diploma in Website Development, TAFE

June 2014 - Dec 2014

- Build a dynamic website
- Create a markup language document to specification
- Develop website information architecture
- Develop complex web page layouts
- Develop complex cascading style sheet
- Model data processes

Technical Skills

Programming Languages:

C#, TypeScript, Python, HTML, CSS, JavaScript

Application Development:

ASP.NET Core, Angular

Database:

SQL, NoSQL

Version Control & Management System:

Git

Personal Projects

Oz Distributor Wholesaler (ASP.NET Core 3.1 Web API)

Jun 2021 – Aug 2021

- Generated ASP.NET Core web API solution for Oz Distributor.
- Highlights: Applied API best practices, implemented SOLID principles, unit testing, used Azure cloud computing service.
- Demo API link: <https://ozdemoapi.azurewebsites.net/swagger/index.html>
- GitHub link: <https://github.com/AkshayHolkar/Oz>

Oz Distributor Wholesaler (Angular 11 Frontend)

Jun 2021 – Jul 2021

- Developed mobile responsive web application.
- Key features: POS system for Admin, Product price only visible to approved customer, Admin and customer dashboards.
- Demo Web link: <https://ozdemoweb.azurewebsites.net>
- GitHub link: <https://github.com/AkshayHolkar/OzFrontend>

Spot (Angular project)

Jan 2021 – Jan 2021

- Angular application using themoviedb API.
- User able to add and search movie based on different emotions.
- Used group routing and lazy loading.

Multi-vendor Ecommerce (ASP.NET Core MVC project)

Jan 2020 – Aug 2020

- Multi-level login functionality.
- Advanced functionalities like recommended combo of products by vendor, discount system based on product quantity and selected combo, different colour and size selection for product.
- Individual vendor store.
- Individual dashboard for customer, vendor and admin.
- Two categories normal and lifestyle.
- Message system.

University Projects

Privacy Preserving Adaptive Testing System (Using React and Nodejs)

July 2020 – Oct 2020

- Developed Privacy Preserving Adaptive Testing System in a team of 11 using Agile software development methodology.
- Work as a backend and frontend developer.

Quantum circuit simulator**Mar 2020 – Jun 2020**

- Created Quantum circuit simulator in a team of 7 using Agile software development methodology.
- Work as a backend developer.
- Showed strong leadership and involvement in development and decision making.

OneVice (Android Application)**July 2019 – Oct 2019**

- Created multi-vendor marketplace application in a team of 6 using Agile software development methodology.
- Work as a lead backend developer.

Android Fitness Application (Fitit)**Mar 2018 – Jun 2018**

- Created fitness application in a team of 5 using Agile software development methodology.
- Main functionality of application is count steps, set daily steps goal, count calories and set notification.

Library Management System Application (using JavaFX and GUI)**Sep 2017 – Nov 2017**

- Developed library management system as an individual project for application programming assignment.
- Main functionality of application is explore catalogue, Create New Patron, Remove Patron, View Patron Record, borrow book, return book, place hold on book, Search book base on Genre/Author, Add book, Remove book.

Work Experience**Software Engineer Intern****Jan 2021 – April 2021**

SeaLadder

- Worked as an Angular developer.
- Practiced Test-driven development (TDD).

Software Developer (Freelance)**Sep 2020 - Nov 2020**

Conneq Computers

- Legacy System Modernization which includes digitalization of a service registration system, product lookup system.
- Created a company website.

Machine Learning Engineer,**Dec 2019 - Jan 2020**

Smartify

- Constructed model to find a similar product in other competitive websites.

**Website Developer and Tester,
IIBIT**

May 2018 - Dec 2018

- Constructed new functions for websites in team of 3 to meet new requirements.
- Tested existing functions and fixed bugs.
- Optimized page contents for better search engine performance.
- Demonstrated proficient communication skill while gathering functional requirement from stakeholders.

Other Certifications

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| Advanced C#: Functional Programming Patterns, LinkedIn | Feb 2021 |
| C# Design Patterns, LinkedIn | Feb 2021 |
| Learning C# Algorithms, LinkedIn | Feb 2021 |
| Become a RESTful API Developer, LinkedIn | Dec 2020 |
| Web Security: OAuth and OpenID Connect, LinkedIn | Dec 2020 |
| Microservices: Design Patterns, LinkedIn | Oct 2020 |
| Learning React.js, LinkedIn | Feb 2020 |
| Learning Cloud Computing: Serverless Computing, LinkedIn | Dec 2019 |
| Microservices and Azure Service Fabric Basics for Developers, LinkedIn | Dec 2019 |
| Microservices: Asynchronous Messaging, LinkedIn | Dec 2019 |
| Software Design: Code and Design Smells, LinkedIn | Dec 2019 |
| Spring: Spring Cloud, LinkedIn | Nov 2019 |
| Cloud Native Twelve-Factor Applications, LinkedIn | Nov 2019 |
| Spring: Framework In Depth, LinkedIn | Oct 2019 |
| Advanced Predictive Modeling: Mastering Ensembles and Metamodeling LinkedIn | Oct 2019 |
| Software Architecture: Domain-Driven Design | Oct 2019 |
| Introduction to Artificial Intelligence(AI), Microsoft | Jun 2019 |

Referees

Available upon request