

Archana Athmanathan

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SKILLS

PROGRAMMING:

HTML • CSS • C • C++

Designing:

UX/UI • Figma • Wireframing

• Lo-Fi prototype

INTERESTS

TECHNICAL

Full stack • UX/UI Designing

• Internet of Things

• Cyber Security [[link](#)]

NON-TECHNICAL

Pencil Sketching • Chess • Sudoku

• Badminton

COURSEWORK

UNDERGRADUATE [[LINK](#)]

COURSERA CERTIFICATIONS

HTML, CSS

Database and SQL

Basic Python

Object Oriented Programming

WORKSHOPS

• Reach'17 "Multimedia Design"-an outreach program by Anna University, Guindy. [2017]

• International Training on "Telecommunication" at Techno Square. [2018]

• Certificate of Merit in IOT-"Technex'17" by IIT

Varanasi/Innovians Technologies. [2016]

• IOT using "RASPBerryPI" by Riyaasaa Labs and IETE [2017]

• "3D Game Designing"-Virscen Tech [2017]

• Next Generation Technologies on computing and communications -"SMAC-I" [2017].

RESPONSIBILITIES

- Class Representative
- Rotaract Club member

EDUCATION

PSNA ENGINEERING COLLEGE

BE IN COMPUTER SCIENCE

Grad. March 2020 | CGPA : 7.53 / 10.0

GREEN PARK MATRIC HR SEC SCHOOL

Grad. May 2016 | Cum Per : 88.33

S.B.O.A MATRIC HR SEC SCHOOL

Grad. May 2014 | Cum Per : 96.5

PROJECTS

COOKING DELIGHT

UX/UI | Lo-Fi | Figma | Wireframing

- Created UX/UI Low fidelity prototype of a food ordering app for a family restaurant.
- It addresses the user major pain points. The main user flow is performed and pursuing high fidelity (Hi-Fi) prototype successfully.

GOOGLE CERTIFICATIONS

- [Foundations of User Experience \(UX\) Design](#)
Grade Achieved :99.16%
- [Conduct UX Research and Test Early Concepts](#)
Grade Achieved :88.12%
- [Build Wireframes and Low-Fidelity Prototypes](#)
Grade Achieved :94.17%
- [Start the UX Design Process: Empathize, Define, and Ideate](#)
Grade Achieved :100%

SECURE BIOMETRIC AUTHENTICATION & OUTSOURCING SCHEME

Cloud computing | .Net | SQL Server | Visual Studio | C#

- Proposed a privacy preserving biometric identification scheme in the cloud computing. Designed new encryption algorithm and cloud authentication to resist potential attacks. [2020]

STOCK MAINTENANCE SYSTEM

Rational Rose | MS Access Database | VB | IEEE Format

- Created Mini Project on Stock Maintenance System as a part of the academic curriculum using Rational Rose.

