

# Lakshmi Swaminathan

Fort Wayne, Indiana

(260) 410-9214

[lakshmiswaminathan08@gmail.com](mailto:lakshmiswaminathan08@gmail.com)

[LinkedIn Profile](#) 

[Github profile](#) 

## Work EXPERIENCE

### Verizon, Chennai, India - Engr I-Software development

Sept 2020 - Jul 2022

- Translated requirements into user stories and consistently delivered on time.
- Collaborated with cross-functional stakeholders to ensure project success.
- Provided valuable insights for scalable problem-solving solutions during Design meetings.
- Adhered to coding best practices, producing efficient, clean, and reusable code.
- Mastered the technical architecture, covering lead generation, customer information maintenance, sales processes, and customer retention strategies.
- Achieved Salesforce integration and security with a 98% accuracy rating in a 42Crunch security audit.
- Resolved Salesforce governor limit exceptions through optimized coding and refined debugging skills during production support.

### Verizon, Chennai, India — Engr II-Software development

July 2022 - June 2023

- Spearheaded an innovative upsell sales process enhancement, streamlining workflow from ideation to production deployment.
- Customized Salesforce CPQ with Lightning Web Components, improving user experience and replicating complex upsell transaction processes.
- Designed and Implemented a dynamic contracting model, enhancing customer retention and service adaptability.

### Verizon, Chennai, India — SDE - Intern

Feb 2020 - May 2020

Learned and worked in Apex, Aura, Visualforce, Salesforce flows, Objects in Salesforce, Apex triggers, Javascript, SOQL, etc. Worked in large code bases.

Tools used: Github, VScode

## SKILLS

Python  
Javascript  
NodeJs  
ExpressJs  
MongoDB  
Mongoose  
Cypress  
Mocha  
Chai  
Git  
OOPs concepts  
Apex  
Rest API  
LWC  
42Crunch  
Visualforce pages  
Aura  
Swagger API  
ReactJS  
SOQL  
Salesforce CPQ  
Conga CLM  
Code review  
Code debugging(Reverse engineering)  
CI/CD pipeline  
Communication and collaboration  
Salesforce Data migration  
Github  
VScode  
Machine learning  
Deep learning

## EDUCATION

### Purdue University, Fort Wayne — MSCS

Aug 2023 - May 2025

- **Web Development:** Proficient in HTML, CSS, JavaScript, ReactJs, and back-end programming languages/frameworks, including Python, NodeJs, ExpressJs. Built a Marketplace site using MERN stack where people can buy and sell things online, following Agile methodology. Completed End-to-End testing for the project built using Cypress- Hosted site link - <https://main--stellular-frangollo-39676b.netlify.app/>
- **Software Engineering:** Led and implemented a MERN stack group project which is implemented following agile methodology.
- **Algorithm Design & Analysis:** Mastery of algorithms, optimizing time and space complexity using advanced algorithmic techniques, particularly for programming logic on platforms like LeetCode.

### Sastra University, Thanjavur — Btech Computer Science and Engineering

June 2016 - MONTH 2020

- **Educational Proficiency:** Mastered concepts in Data Structures and Algorithms, Cryptography, Programming languages (Java, Python, C, C++), and various core computer science subjects, including machine learning and deep learning.
- **Graphic Design Experience:** Demonstrated graphic design skills by creating posters, banners, and ID cards for Sastra University's fest Theta'19, utilizing Adobe Photoshop.
- **Workshop Participation:** Attended a Python and shell scripting workshop during Genesis'18, a technical symposium organized by NIT Trichy's CSE association, Vortex'18.
- **Skills:** Proficient in Data Structures and Algorithms, Cryptography, and Programming languages (Java, Python, C, C++), as well as fundamental computer science concepts including object-oriented programming (OOP), functional programming, data mining, machine learning, and deep learning.

## AWARDS

**Spotlight Award-** Quality/Process improvement

**Spotlight Award-**Accountability

**2 Spotlight Awards-** Personal commitment

## PROJECTS

**MERN Stack project** - "A Marketplace" - <https://main--stellular-frangollo-39676b.netlify.app/>

**Machine Learning Projects:**

>Developed Apnea sleep disorder disease prediction models using Linear and Logistic regression algorithms with a 96% accuracy rate.

>Achieved a 94% accuracy rate in facial expression recognition using CNN in the deep learning domain.

## COURSES & CERTIFICATION

> Problem Solving - Hackerrank  
> Javascript - Hackerrank  
> CompTIA Security+ (SY0-601) Cert Prep: The Basics  
> CompTIA Security+ (SY0-601) Cert Prep: 2 Secure Code Design and Implementation  
> Building APIs with Swagger and the OpenAPI Specification  
> Blockchain Basics  
> Learning Tor and the Dark Web  
> Learning Java 11  
> How Marketers Collect and Use Your Data