LAKSHMI SWAMINATHAN

lakshmiswaminathan08@gmail.com | (260)-410-9214 | LinkedIn Profile 🔗 | Github profile 🔗

EDUCATION

Purdue University   **Fort Wayne, Indiana**
M.S. in Computer Science   *Expected Graduation, May 2025*
- **GPA:** 3.67/4.00
- **Related Coursework:** Web development, Software Engineering, Algorithm Design & Analysis, Cryptography & Network Security, NLP, High performance Computing

Sastra University   **Thanjavur, Tamil Nadu**
Bachelor of technology, Computer Science Engineering   *2016-2020*
- **GPA:** 7.19/10.00
- **Related Coursework:** Data Structures and Algorithms, Cryptography, Programming languages (Java, Python, C, C++), Machine learning, Deep learning

EXPERIENCE

Verizon   **Chennai, Tamil Nadu**
Software Development Engineering- II   *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 simplifying the complex upsell transaction processes.
- Designed and Implemented month-on-month dynamic contracting model in place of fixed service term model with Apex, LWC, enhancing customer retention and service adaptability.

Verizon   **Chennai, Tamil Nadu**
Software Development Engineering- I   *Sept 2020-June 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, Tamil Nadu**
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

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 certificate- Hackerrank
- Javascript certificate - 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

AWARDS

- **Spotlight Award-** Quality/Process improvement -1 - [link to award](#)
- **Spotlight Award-**Accountability - 1 - [link to view award](#)
- **Spotlight Awards-** Personal commitment - 2 - [link to view awards](#)
- **Simple Thanks Awards** - 20 - [link to view awards](#)

SKILLS

- **Programming languages:** Python, Javascript, Apex, Java, C++, C
- **Web technologies:** ReactJs, NodeJs, ExpressJs, LWC, Aura, Cypress, ChaiJs, MochaJs
- **Database technologies:** MongoDB, Mongoose ODM
- **Software:** Visual studio code, Github, Jenkins