### **Professional Summary**

### Detail-oriented **front-end developer** with **cybersecurity,** **penetration** **testing,** **AWS** **Solution** **Architecture Associate, Microsoft SQL Server,** **and** **cyber** **forensics**. Skilled in **HTML, CSS, JavaScript, and React**, with experience in **UI/UX design, Java development, and database management**. Strong problem-solving skills, leadership experience, and a passion for developing innovative solutions.

### **Skills & Competencies**

### Cybersecurity & Cloud: ✔ Penetration Testing | AWS Solution Architecture | Cyber Forensics

### Development Tools: ✔ VS Code | GitHub | Autopsy | FTK Imager

### Frontend Development: ✔ HTML | CSS | JavaScript | React

### Backend Development: ✔ Java | MySQL | Microsoft SQL Server

### UI/UX & Database: ✔ UI/UX Design | Database Management | Microsoft SQL Server Management

### Programming Languages: ✔ C | C++ | Python | C#

### Soft Skills: ✔ Problem Solving | Critical Thinking | Leadership | Teamwork| Communication | Time Management | Adaptability | Attention to Detail | Project Management | Conflict Resolution | Decision-Making | Analytical Skills | Client Relations | Collaboration | Mentorship

### **Education**

### **BS in Computer Science (Cybersecurity) – UNC Charlotte** Jan 2023 – May 2025

### **Key Courses:** *Cybersecurity, Penetration Testing, Cyber Forensics, AWS Solution Architect, Web Development, MySQL*

### **BS in Computer Science and Engineering – Vellore Institute of Technology** Sep 2020 – Dec 2022

### *Key Courses: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Database Management Systems (DBMS), Computer Networks, Operating Systems, Web Development*

### **Work Experience**

### **Software Engineer - American Circuits Inc., Charlotte, NC Jul 2025 – Present**

### *Contributed to the development of embedded systems and firmware solutions for printed circuit board (PCB) manufacturing.*

### *Collaborated with cross-functional engineering teams to enhance product quality, reduce development time, and streamline testing processes.*

### *Designed and optimized software solutions for manufacturing automation and internal tools using C++, Python, and SQL.*

### *Participated in security hardening and compliance initiatives, applying cybersecurity knowledge to protect proprietary systems.*

**Volunteer Experience**

Design Head – IEEE-Industrial Application Society, India Jan 2022 – Dec 2022  
HR Head – Skillship Vellore, India Apr 2022 – Dec 2022

**Projects**

**Food Delivery Application**

### Developed a **fully responsive** online food ordering platform using **HTML, CSS, and JavaScript**: Integrated **secure authentication and payment processing** features.

### **Online Travel Booking System (Java, MySQL)**

### Developed a **Java-based** travel booking system with **user authentication** and real-time ticket availability.

**TCP/IP Chat Application (C++)**

* Developed a chat application using **TCP/IP protocol and Windows sockets (WinSock)**. The application supports real-time communication and demonstrates **advanced C++** skills.

**Certifications & Awards**

* **AWS Certified Solutions Architect Associate – SAA-C03** *(Concept Learning)*
* **Cisco CCNA 200-301** *(Networking Fundamentals) (Concept Learning)*
* **Udemy:** C++ Certification, Front-End Development Ultimate Guide
* **Coursera:** Java Programming (Primitive Types, Decision Making, OOP)
* **Cybersecurity:** Introduction to Penetration Testing, Cybersecurity 2023
* **C# Certification:** C Sharp Basic Certificate
* **SQL for Any IT Professional** – O'Reilly by Pearson (May 2025)