

Preet Raval

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

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)