

VAMSI KRISHNA PATTÀ

Full Stack Developer · M.S. Computer Science (GPA 4.0)

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SUMMARY

Full Stack Developer with a **4.0 GPA Master's in Computer Science** and **4+ years of diverse experience** building web applications end to end. Pairs **hands-on front-end, back-end, and database development** with real strengths in **UI/UX design and security testing** — delivering software that is **secure, well-built, and genuinely easy to use**. Proven track record of **leading teams, mentoring junior developers, and carrying projects from requirements to production**. Brings a rare mix of **engineering discipline and design instinct** to every product worked on.

TECHNICAL SKILLS

Languages: Java, C#, .NET, Python, C

Web Technologies: HTML5, CSS3, JavaScript, React, Node.js, REST APIs

Databases: Oracle SQL, SQL, Supabase (PostgreSQL)

Specialized Skills: UI/UX Design, Data Visualization

Tools & Platforms: AWS, Docker, CI/CD, VS Code, GitHub, Git, Figma, Adobe XD, Adobe Suite, Canva, Asana, Shopify, Linux, Buildbox, Microsoft Office Suite, Google Workspace

WORK EXPERIENCE

Full Stack Developer | Telecode Systems LLC

Aug 2026 – Present

- Develop and maintain **full-stack application features** across **front-end and back-end layers** in a **production environment**.
- Design and optimize **database queries and backend logic** supporting core application functionality.
- Collaborate with the engineering team on **scalable, secure builds** and on-schedule releases.

Full Stack Developer | Resurge Technologies LLC

Jan 2026 – Aug 2026

- Supported **application development** end to end, contributing across **front-end and back-end technologies** in a production environment.
- Collaborated with **engineering leadership** on **scalable, secure application builds** and delivery timelines.
- Maintained code quality through **version control, code reviews, and agile delivery practices**.

Full Stack Developer | Changing The Present

Aug 2025 – Jan 2026

- Led **full-stack web development** with **React, Node.js, MongoDB, SQL, and Shopify integrations**.
- Deployed applications on **AWS** and managed code and collaboration using **GitHub, Git, and Asana**.
- Collaborated with cross-functional teams, **mentored juniors**, and contributed to **code reviews** in an agile environment.

Front-End Developer | Changing The Present

Apr 2025 – Aug 2025

- Improved UI across **3+ web projects** using **HTML, CSS, JavaScript, React, and Shopify**.
- Built **responsive, user-friendly pages** and resolved **cross-browser bugs**.
- Collaborated with designers and developers to enhance the **user experience**.
- Used **Git** for version control and followed **agile development practices**. (*Internship*)

Team Lead & Developer | SIETK

Dec 2022 – Apr 2023

- Led a **4-member team** to build a **secure C2C platform** for farmers and consumers.
- Managed the **full development lifecycle** from requirements gathering to deployment.
- Implemented **secure user transactions** and **location-based product discovery**.
- Project scored **94/100** with a recommendation for further development. (*Capstone Project*)

Web Master | IEEE Computer Society & IEEE Student Branch

Jun 2021 – Dec 2022

- Managed **website content** and overall **web presence**.
- Organized **technical workshops** and educational events.
- Designed **promotional materials** and maintained digital assets.

- Handled **confidential documents** with discretion and accuracy. (*Internship*)

Freelancer | Visual Design & Branding

Aug 2019 – Aug 2023

- Created **200+ custom logos, banners, and branding assets** for diverse clients.
- Managed **multiple concurrent projects** while meeting tight deadlines and maintaining quality.
- Specialized in visual design using **Figma, Adobe Photoshop, Illustrator, and Canva**.

EDUCATION

Master of Science in Computer Science | University of Illinois Springfield

Aug 2023 – Dec 2024

- Graduated with **GPA 4.0 / 4.0**.
- Focus Areas: **Cybersecurity, Data Visualization, User Experience Design**.
- Key Coursework: **Security Testing Essentials, Advanced Database, Computer Security**.

B.S. in Computer Science & Engineering | Siddharth Institute of Engineering & Technology

Apr 2019 – Apr 2023

- Graduated **First Class with Distinction**.
- **Distinguished Final Project** (Score: **94/100**).
- Leadership Roles: **Class Representative, Web Master** — IEEE Computer Society & IEEE Student Branch.

CERTIFICATIONS

- **Data Science Certification** — International Internship at APSSDC & Indo-Euro Synchronization.
- **Java Full Stack Certification** — Qspiders Internship.
- **Build Box Certification** — APSSDC.
- **"Brain Injury Detection Using Artificial Intelligence"** — IEEE.

PROJECTS

Security Testing Essentials | Academic Project

2024

- Conducted **vulnerability assessments (Nmap, Zenmap)** and **web app security tests (SQL injection)**.
- Implemented **firewall configuration, patch management, and system hardening**.
- Evaluated **access controls, privilege escalation risks**, and applied **ethical testing practices**.
- Familiar with **pen testing tools, malware prevention, and incident response**.

Computer Security | Academic Project

2024

- Worked on **OSSEC LAB, cryptography, steganography**, and **SSH via SOCKS proxy**.

UX Design Portfolio | Academic Projects

2024

- **Smartwatch for Seniors**: Designed accessible UI with **GPS, health tracking, and SOS**.
- **Hero Forge**: Created an interactive superhero model with **3D UX storytelling**.
- **Call of Duty: Mobile Study**: Analyzed team-based interaction, player UI, and communication.
- **Online Ticket System**: Designed UI with **wireframes, prototypes (Webflow), and user flows**.
- **Privacy UX**: Researched privacy concerns across platforms and proposed UX solutions.