

JAGADEESH MADHINENI

Application Developer · Cybersecurity Analyst

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PROFESSIONAL SUMMARY

Application Developer and Cybersecurity Analyst working where software engineering meets security, and an M.S. in Computer Science candidate with a 4.0 GPA. Ships full-stack web and cross-platform desktop applications (React, TypeScript, Node.js, .NET/C#, PostgreSQL, Electron) with security built in from the first commit — zero-knowledge-style credential vaults, AES-256-GCM encryption, RBAC, and OAuth — backed by frontline cybersecurity experience across SIEM monitoring, vulnerability management, DLP, and security-awareness programs (Splunk, Qualys, Next DLP, KnowBe4). Equally fluent writing the code and defending it.

CORE COMPETENCIES

Full-Stack Development: React, Vite, TypeScript, JavaScript, Node.js, Express, .NET / C# (Kestrel), REST APIs, Tailwind CSS, HTML, CSS

Programming & Databases: Java, C, Python, SQL, PostgreSQL, Prisma ORM

Cybersecurity & Secure Architecture: Splunk (SIEM), Qualys, Next DLP, KnowBe4, vulnerability management, DLP, phishing simulation, AES-256-GCM encryption, RBAC, OAuth

Cloud, APIs & Desktop: AWS, Google Cloud (Secret Manager, KMS), Google OAuth, Gmail API, Google Apps Script, Electron

PROFESSIONAL EXPERIENCE

Cybersecurity Analyst | TPI Composites Inc, Chennai, India **Jul 2023 – Jul 2024**

- Monitored and triaged security alerts and event logs in Splunk SIEM, escalating potential threats for investigation.
- Ran vulnerability scans in Qualys, prioritized findings by severity, and tracked remediation to closure.
- Administered endpoint data-loss prevention (DLP) policies in Next DLP to protect sensitive data from unauthorized exfiltration.
- Conducted phishing simulations and security awareness training via KnowBe4 to reduce end-user risk.

INTERNSHIP EXPERIENCE

Application Developer | Projxon **Jan 2026 – Present**

- OrkaVault (secure credential manager):** Architected a zero-knowledge-style vault with AES-256-GCM envelope encryption (Google Cloud KMS/Secret Manager); built full-stack with React, TypeScript, Node.js, Express, Prisma ORM, and PostgreSQL.
- Built a multi-tiered Role-Based Access Control (RBAC) system with multi-stage QA approvals, using PostgreSQL row-level locking to prevent race conditions in concurrent approvals.
- Packaged the React/Vite app into a cross-platform Electron desktop client (custom IPC bridging) with client-side security controls — screenshot protection, clipboard denial, timed credential reveals; automated password rotation and alerts via Node.js cron jobs and the Gmail API.
- OrkaEval (performance evaluation platform):** Developed a full-stack app with React, Tailwind CSS, and a .NET/C# (Kestrel) backend for multi-step candidate and coach evaluations with validation and progress tracking.
- Implemented Google OAuth via custom protocol deep linking (orkaeval://) for the Electron client and a React notification/state system with single-dispatch logic; resolved CORS and header-size limits with the .NET backend.

Intern | TPI Composites Inc, Chennai, India **May 2023 – Jul 2023**

EDUCATION

M.S. in Computer Science | Rivier University, Nashua, NH · GPA: 4.0 **Aug 2024 – May 2026**

B.E. in Electronics & Communication Engineering **Jun 2019 – May 2023**

Sathyabama Institute of Science and Technology, Chennai, India · CGPA: 8.96/10

CERTIFICATIONS & AWARDS

- Academic and Leadership Excellence — Rivier University.
- Core Java — Greens Technologies, Chennai.
- UV LEDs for Disinfection Systems — Webinar.