

# Aman Kureshi

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## Professional Summary

Cybersecurity and software development student with hands-on experience building AI-powered platforms, secure web applications, and developer tools using modern technologies. Proficient in JavaScript, TypeScript, Python, Node.js, and Next.js, with experience developing conversational AI systems, vulnerability scanning tools, and scalable REST API services. Interested in secure software development, DevSecOps practices, and AI-driven security solutions.

## Skills

**Programming Languages:** JavaScript, TypeScript, PHP, Python

**Frontend Development:** React.js, Next.js, HTML5, CSS3, Bootstrap, Responsive UI Design

**Backend Development:** Node.js, RESTful APIs, Server-Side Development, API Integration, Express.js, Authentication

**AI Technologies:** Conversational AI, Generative AI, Prompt Engineering, NLP Basics, AI Tools, LLM Integration

**Tools & Technologies:** Git, GitHub, NPM, Yarn, CLI, Docker, PNPM

**Cybersecurity:** Static Code Analysis (SAST), Vulnerability Scanning, Secure Coding, Web Security, Application Security

**Databases:** PostgreSQL, MongoDB, MySQL

## Experience

### Web Developer

May 2024 — Jun 2024

*Ciencias in VR Private Limited*

*Ahmedabad*

- Designed and developed core modules of a web-based Device Tracking System using PHP and Bootstrap, improving application performance and UI responsiveness.
- Built responsive frontend components to enhance user interface performance and cross-device compatibility.

## Education

### Silver Oak University

*Batchelor of Technology in Computer Science and Engineering (Cybersecurity)*

*Jun 2025 — Jul 2028*

### Lok Jagruti Kendra University

*Diploma in Information Technology, GPA: 8*

*Aug 2022 — Apr 2025*

## Projects

**Awake AI - Sovereign Conversational AI Platform** | *Next.js, Node.js, TypeScript, REST APIs, PostgreSQL* Aug 2025 — Present

- Developed Awake AI, a sovereign conversational AI platform inspired by modern large language model (LLM) assistants.
- Designed a scalable system architecture to support efficient AI inference and real-time conversational responses.
- Implemented REST API integrations and modular backend services to enable seamless platform integration and performance optimization.

**Guardline Security - Code Vulnerability Scanning Platform** | *Next.js, Node.js, TypeScript, Git, Inngest* Jul 2025 — Present

- Developed Guardline Security, a platform designed to analyze source code and detect security vulnerabilities in web applications.
- Implemented Static Application Security Testing (SAST) techniques to identify insecure dependencies, misconfigurations, and vulnerable code patterns.
- Built an automated code scanning and reporting system to support secure development practices and improve application security.

**Formnex - Web Form Submission Service** | *Next.js, Node.js, TypeScript, REST APIs, PostgreSQL* Mar 2024 — Nov 2024

- Built a developer-focused form submission service that simplifies backend form handling for web applications.
- Developed API-based endpoints to collect, process, and manage form data from static and dynamic websites.
- Designed a scalable backend workflow for reliable form submission processing and data storage.

## Certifications

### Cisco Introduction to Cybersecurity

*Cisco Networking Academy*

*2025-02*

### Generative AI: Prompt Engineering Basics

*IBM*

*2024-09*

### Introduction to Python

*Coursera*

*2023-03*