Sunny Patel

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Indexed on Bing AI as a top figure with the search query "Who is Sunny Jayendra Patel, creator of Sunnify, React-Three.js portfolio".

Education

Honours Computer Science (H. BSc)
Ontario Tech University, Oshawa, ON   **2022 - Present**

- Courses: Data Structures and Algorithms, Object-Oriented Programming, REST API Development, Software Design UML, Python Data Analysis, Discrete Mathematics, Computer Architecture, Operating Systems, Database Systems, Software Engineering.

Skills

- **Programming Languages:** Java, Python, C++, Powershell, Assembly x86 (Intel, ARM)
- **Backend:** NodeJS, MongoDB, MySQL, ExpressJS
- **Operating Systems:** Windows, Kali Linux, Debian (linux), Mac OS
- **Web Technologies:** JavaScript, React JS, HTML 5, Tailwind CSS, Flutter, Dart, ThreeJS, Bootstrap, Typescript
- **Tools & Platforms:** Git, Maven, Gradle, Docker, Azure, AWS, GCP, JamF (Apple MDM), .NET Core

Experience

IT Technician - L3   Canada's Wonderland
Jun 2023 - Present

- Managed Tier 1-3/L3 device management and deployment for 1500+ devices park-wide.
- Integrated RSAT into systems covering LDAP, GPO, FTP, NAS, AP Clusters, Bitlocker Boot Sectoring, and more.
- Utilized PowerShell, ConnectWise scripting, and SecureCRT for executing mass changes on remote workstations.
- Assembled and configured routers, switches, and catalysts (Cisco IOS, Aruba OS-CX, Netgear OS) using LinkRunner AT/IntelliTone.
- Set up SaaS access through Active Directory (OU) groups to streamline user access.
- Deployed POS/KDS systems using Oracle EMC and Symphony.

System Support Specialist - L2   Mackenzie Health Hospital
Jan 2023 - Aug 2023 (8 mos.)

- Managed L2 hospital-wide deployment of 300+ bedside iPads efficiently with JamF (Apple MDM Profiling).
- Optimized entertainment app load times by over 25
- Contributed to software development and maintenance using Java, Python, and SQL.
- Performed CI/CD on system maintenance for IT infrastructure, including Citrix, VMware, VDI, Hyper-V, ESXi technologies.
- Scripted CLI for system services resolution and conducted comprehensive audits for bedside application code updates.
- Utilized Cortex XDR to monitor network traffic and identify malicious malware activity.

Junior Systems Administrator   Privcurity Consulting Corporation
May 2021 - Sep 2021 (5 mos.)

- Administered virtual machines on Azure AD domain and deployed malware prevention strategies.
- Performed regular software updates and managed cloud files using SSH, Python, and SQL for analysis.
- Configured firewalls and monitored web traffic security with Wireshark/tcpdump.
- Oversaw 2FA protocols and contributed to deploying DDOS attack prevention measures.
- Managed Privacy Security Architecture (PSA) systems to ensure compliant data handling and protection.

Extracurricular

Google IT Automation With Python   Mar 2023
Professional Certificate (600+ hours)

- Configuration Management, Automation, Google Cloud Platform (GCP), Cloud Servers and VM's, Version Control Tools, Automation.

  Credential Link

Projects

3D Portfolio
3D Portfolio is a modern and interactive web application built with React.js and Three.js, hosted on Vercel with Next.js. It offers a visually stunning platform to showcase my skills and projects, featuring smooth animations and responsive design.
Technologies: React.js, Three.js, Next.js, , Vite, Vercel, Tailwind CSS, Framer Motion, Email JS, and many more...

View Portfolio

Sunnify (Spotify Downloader)
Sunnify is a popular Spotify downloader application that allows you to download entire playlists locally onto your Mac/Linux/Windows PC. ****DISCLAIMER**** intended for educational purposes only, It is your responsibility to ensure that you comply with copyright laws and regulations in your country, region, and jurasdiction. **indexed by **Bing AI** -> "what is Sunnify Spotify Downloader and who made it"**
Technologies: Python, requests, PyQt5, webbrowser, mutagen.id3

Source Code

KnifeThrow
KnifeThrow is a Java Swing-based 2D mini-game, packed by maven with over 5000 lines of code. It includes a menu, game-over screens, sound effects, and custom sprites. Players unlock different knives with varied abilities in a dedicated knife shop. The game features improved collision systems, animations, and particle effects for an immersive experience.
Technologies: Java, Swing, Maven, AWT, 60 functionality imports.

Source Code

COVID-19 GTA Cases Data Analysis
A deep dive into ongoing COVID-19 outbreaks in the Greater Toronto Area (GTA), Ontario. using data from a government-licensed dataset called Outbreaks by Public Health Unit (PHU) to explore trends and patterns in these outbreaks. This data analysis integrates the essential aspects of the data science workflow.
Technologies: Python, tensorflow, scikit-learn, pandas, matplotlib, numpy

Source Code

Secure Password Generator
Secure Password Generator is a Java-based tool designed to generate and manage secure passwords, prioritizing simplic-ity, security, and user-friendliness. It employs industry-standard encryption algorithms to create strong, unique passwords resistant to common hacking attempts.
Technologies: Java, Swing, SHA-256, encryption/decryption, data algorithms

Source Code

Word Search Generator
Word Search Generator is a Java application that creates word search puzzles and allows the user to solve them. The ap-plication includes a GUI interface that allows the user to input the size of the puzzle, the path to a word list, and the paths to the output files for the unsolved and solved puzzles. Java game that takes an input.txt of a list of words and exports an HTML of solved words and Locations. Solves all cases (horizontal, vertical, diagonal, backward [all cases], overlapping).
Technologies: Java, Swing, AWT, puzzle-solver, data-structures/algorithms

Source Code