AVYAAN VERMA

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EDUCATION

Vellore Institute of Technology, Bhopal (CGPA: 8.18) — Bhopal, MP
Bachelor of Technology in Computer Science — *2022-2026*

Government Model Sector-16 School (89.2%) — Chandigarh
Senior Secondary (CBSE) — *2021-2022*

St. Xaviers School (90.2%) — Chandigarh
Senior Secondary (ICSE) — *2019-2020*

PROJECTS

Memoryu - Japanese Language Notes Manager

- Developed a full-stack Japanese Language Notes Manager ("Memoryu") with TypeScript, Node.js, and PostgreSQL, enabling learners to organize and retrieve study materials efficiently.
- Built a responsive web interface and browser extension for seamless note-taking and quick access, integrating with a secure local server for data management.

PureUp - Air Purification

- Led full-stack development and UI design using React.js; implemented a responsive, user-friendly interface to display plant recommendations.
- Built the backend with Express.js and Mongodb, developed a plant database, integrated Razorpay for payments, and features like PlantOfTheDay to increase awareness.

BlindPhish - AI Phishing And Profiler

- Developed a tool using Python and email dorks to scrape emails from organisational domains.
- Profiles employees by gathering information from platforms like LinkedIn and compiles profiles with contact details. Processed over 1,000 emails from multiple domains and generated actionable insights for analysis.

TrackMe- Habit Tracking Platform

- Engineered a full-stack habit tracking platform (TrackMe) using the MERN stack (MongoDB, Express.js, React.js, Node.js) to log, visualize, and analyze daily activities.
- Implemented secure RESTful APIs for activity logging, progress tracking, and data visualization, enhancing user engagement and retention.

EXPERIENCE

ShadowFox | Cyber Security Intern 09/2024-09/2024
- Solved intermediate tasks such as VerCrypt memory addressing, creating Metasploit payloads for Windows, and conducting Aircrack-ng deauth attacks.
- Documented 95% of tasks, creating industrial-level reports on attacks and penetration tests

Android Club-VIT Bhopal | Vice-President 03/2024–Present
- Led a session on Frontend Web Development with engaging activities, achieving an 80% completion rate with positive feedback.
- Managed the DSA Tussle competition with a team, successfully resolving 90% of live issues.

EXTRACURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Solved 200+ problems on Leetcode & GeeksforGeeks.
- 1st in 2023 online competition Tamasha Monoact by EkFrazeis Dramatic

SKILLS

Languages: Typescript, Javascript, Java, SQL, HTML5, CSS3

Frameworks: Node.js, Express.js, React.js, REST API, Tailwind CSS

Developer Tools: MongoDB, mySQL, Git, GitHub, Docker, Postman, Vercel