LILLI NAPPI

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EDUCATION
Stevens Institute of Technology | Hoboken, NJ   Aug 2021 - May 2025
Bachelor of Science in Computer Science, **GPA** 3.5
Minor Science, Technology & Society
Coursework: Deep learning, Data Mining, Cybersecurity, DevSecOps, Agile Methods, Web Programming I & II, DBMS I & II

SKILLS
Languages: Python, Java, C, C++, C#, JavaScript, HTML, CSS, SQL, R
Libraries & Frameworks: Node.js, React.js, Tailwind CSS, Mongoose
Technologies: Docker, AWS, Redis, Postman
DBMS: MongoDB, MySQL, PostgreSQL
Operating Systems: Linux, Unix, Windows, Ubuntu
Soft Skills: Teamwork, Initiative, Communication, Quick Learner, Time-Management, Problem-solving, Leadership

EXPERIENCE
BD (Becton Dickinson)
Application Development Intern | Franklin Lakes, NJ   Jun 2024 – Aug 2024
- Spearheaded GenAI Chatbot prototype using Copilot Studio, automating 80% of end-user's inquiries during hypercase stage
- Developed Microsoft Power App to automate purchase order request process for hundreds of vendors across BDI division
- Identified way to automate JDE password resets saving $20k in development, by leading cross-functional team collaboration
- Led requirement sessions with global stakeholders for ERP migration project that reduces licensing fees by $450k annually

Code Ninjas
Curriculum Developer | Remote   Sep 2024 - Present
- Created educational programs for largest children's coding franchise across 400+ locations reaching over 100,000 students
- Developed Interactive Godot Tour plugin using GDScript, a key onboarding tool for students to explore Godot's Interface
- Exceeded weekly sprint deadlines consistently delivering high-quality AI and Godot curriculum content
- Developed cybersecurity curriculum teaching MFA, brute-force attacks, malware, phishing scams, and cryptography methods
- Defined documentation, styling and content standards for coworkers to introduce built-in Godot functions
- Performed QA testing, piloted new programs, and created training resources to facilite smoother rollouts of content

Assistant Site Director | Midland Park, NJ   Jan 2024 – Nov 2024
- Managed 20+ camp curriculums, supervised 15+ staff members, and oversaw daily operations
- Developed monthly coding challenges for students, improving customer engagement and retention
- Boosted sign-up rates by launching YouTube Channel showcasing students' accomplishments

Code Sensei | Midland Park, NJ   Sep 2023 – Nov 2024
- Designed top-selling curriculum for Girl Scouts to earn coding badge, leading to partnership with Girl Scouts of Northern NJ
- Recognized as Employee of the Month for two consecutive months within the first few months of employment
- Led 15+ camps teaching AI/ML, coding mods in Minecraft Java Edition and developing Roblox games in Lua
- Instructed children in JavaScript and C#, teaching object-oriented programming, and game development
- Debugged code, graded projects and provided constant communication to parents on student's progress

ACADEMIC PROJECTS
HeraHealth | *Python, Node.js, Postman, MongoDB Atlas, Android Studio*   Sep 2024 – May 2025
- Awarded Best Computer Science Senior Design project and placed 3rd in Ansary Entrepreneurship Competition
- Achieved 97% accuracy in quantifying postpartum blood loss volume on user uploaded images of maternal pads
- Led development of entire backend, designing data schema and API endpoints adhering to HIPAA privacy standards
- Spearheaded pilot survey targeting mothers for beta testing, gather feedback, refine app design based on user needs
- Invited to speak at Steven's Computer Science Townhall and School of Science and Engineering Board of Trustees

Grocery Genie V2 | *Node.js, Express, MongoDB, Docker, Render*   Mar 2025 – May 2025
- A grocery sharing application to make grocery shopping among households and roommates easier
- Implemented CI/CD pipeline to scan for security vulnerabilities using GitHub Actions, following DevSecOps lifecycle

Musicboxd | *Next.js, React, Typescript, Socket.io, Tailwind CSS, Mongoose, MongoDB, Docker, AWS*   Oct 2024 – Dec 2024
- Developed full-stack social media platform enabling real-time chatting and content sharing
- Integrated Spotify API to dynamically fetch and display current song, album, and artist data in user profiles and posts