

Aavash Lamichhane

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EDUCATION

Rutgers University – New Brunswick

New Brunswick, NJ

Bachelor of Science in Computer Science, Minor in Economics

GPA: 3.7 / 4.0 | **Honors:** Dean's List (Spring 2025, Fall 2025)

Relevant Coursework: Data Structures, Computer Architecture, Discrete Structures, Calculus II

EXPERIENCE

Software Engineering Intern

Jun. 2025 – Aug. 2025

Verizon

Remote

- Shipped **React.js** components in **TypeScript** to production on a payments team, building modal dialogs, form validation logic, and complex UI interactions for customer-facing payment workflows.
- Enhanced the two-installment payment feature by implementing payment method validation and modal confirmation flows used in internal customer-facing systems.
- Debugged and resolved cross-browser compatibility issues in payment forms; collaborated with senior engineers across code reviews and agile sprints to test and deploy applications.

Full-Stack Developer (Contract)

Feb. 2026 – Present

Rotgen.org

Remote

- Sole developer of Rotgen.org, an AI-powered short-form video platform currently at **\$30K MRR** serving creators across TikTok, YouTube Shorts, and Instagram Reels.
- Built the full stack end-to-end using **Next.js 15, TypeScript, Python, and Tailwind CSS**; integrated Stripe billing, OAuth authentication, and direct API publishing to YouTube, TikTok, and Instagram.
- Designed and deployed **AI/ML pipelines** for automated video generation, captioning, and content classification with multi-platform publishing workflows.
- Built analytics dashboards tracking user engagement, retention cohorts, and A/B test results to inform product and pricing decisions.

Founder & Lead Developer

Jan. 2024 – Present

Portlock Labs

Remote

- Founded a subscription-based education platform; designed and deployed full-stack web platform with integrated analytics dashboards and Stripe subscription billing.
- Built and trained an **AI-powered Discord chatbot** using the OpenAI API and Python to automate support workflows, classify user queries, and route them to relevant resources.
- Owned product development, engineering, partnerships, and growth end-to-end as solo founder; closed **\$500K+ in partnership deals** via analytics-driven outreach.

Co-Founder & Developer

Jun. 2022 – Dec. 2023

Squishy Squad

Remote

- Co-founded and scaled an online community to **45,000+ members** across Discord and X; raised **\$2M+** in funding and closed **\$3M+ in brand partnerships**.
- Partnered with developers to ship the **Solidity smart contract** for OpenSea launch; designed and maintained the project's official website and brand assets.

PROJECTS

Mogfit.xyz – AI Outfit Analysis App | *Next.js, TypeScript, Tailwind, Vision-Language Models*

2025 – Present

- Building an AI-powered visual analysis web app using **vision-language model integration**; designed the inference pipeline and prompt-engineering layer to convert raw image input into structured JSON output for downstream analytics.

True Star Contracting – Web Platform & SEO | *Next.js 15, TypeScript, Tailwind, Vercel*

2025

- Built and deployed truestarcontracting.com, a full **Next.js 15 + TypeScript** site for a NJ contracting business with **~60 programmatic landing pages** targeting town-level keywords across New Jersey.
- Delivered an SEO playbook covering metadata, schema markup, and Google Business Profile optimization.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Java, SQL, HTML/CSS, Solidity (basic)

Frameworks & Libraries: Next.js, React.js, Node.js, Tailwind CSS, pandas, NumPy

Tools & Platforms: Git, GitHub, Vercel, Stripe, OAuth, OpenAI API, VS Code, Figma, Postman

Concepts: Full-Stack Development, REST APIs, AI/LLM Integration, Data Structures & Algorithms, OOP, A/B Testing