KRITIK SIVACHITRAVEL

State College, PA 16803

📞 917-683-4692 ✉ kritikwrkacc18@gmail.com in linkedin.com/in/kritik-sivachitravel ⌨ Kritik-Sivachitravel
🌐 kritik-sivachitravel.vercel.app

Education

The Pennsylvania State University — **University Park, PA**
Bachelor of Science in Computer Science — *Aug 2022 – May 2026*

- **Minors**: Mathematics, Engineering Leadership and Development
- **CGPA**: 3.52 / 4 — As of Spring 2025
- **Dean's List**: Fall 2022, Fall 2023, Fall 2024, Spring 2025

Experience

Software Engineering Intern — **May 2025 – August 2025**
GenAI Embed Inc. — *Durham, NC*

- Built GenAI-powered solutions (summarization, querying, embedding) for client use cases.
- Developed UI with **React.js**, **Tailwind CSS**, and integrated GenAI APIs for websites with tools like Lexiconne and Palette.
- Engineered and programmed an Expert AI Agent to streamline salon appointment management, integrating seamlessly with the company's core GenAI solutions.

Quality Control Specialist — **Jun 2025 – Present**
All Traffic Solutions — *State College, PA*

- Led Quality Assurance of smart traffic signs, ensuring flawless hardware and embedded software using **TraffiCloud®**.
- Worked directly with VP of Engineering to debug and improve internal tools (**TCNG Production Tools**, **Sign Manager**).
- Reduced sign misconfiguration rate by over **70%**.

Mathematics Learning Assistant — **Aug 2024 – Present**
Eberly College Of Science - Penn State — *University Park, PA*

- Assisted students during lectures and held weekly review sessions, with statistics showing students that attended my sessions score better in exams.
- Supported instructors in teaching and evaluating coursework.

Projects

SalonPilot – Full-Stack Booking Platform | *MERN Stack, Tailwind CSS* — **Aug 2025**

- Built full-stack salon app with customer/stylist dashboards for bookings and services.
- Used MongoDB Atlas, React Router v6, Redux Toolkit, and Saga for cloud navigation and state management.
- **GitHub:** Salon Pilot

Web Developer – Swappify LLC | *React Native, Supabase, Stripe* — **Jan 2025 – May 2025**

- Built full-stack clothing exchange app with auth, token rewards, and payments.
- Used Supabase (PostgreSQL) with RLS and real-time APIs.
- **GitHub:** Swappify Repo

Breast Cancer Growth Detection | *ML, Scikit-learn, NumPy, Pandas* — **Sept 2022**

- Developed a Random Forest model to detect breast cancer growth using 6500+ samples with 30 features.
- Applied tuning via K-Fold CV, regularization, and gradient descent for enhanced accuracy.
- **GitHub:** ML Project

Certifications

AWS Certified Cloud Practitioner – Amazon Web Services (Issued May 2025)

AWS Certified AI Practitioner – Amazon Web Services (Issued August 2025)

Technical Skills

Languages: Java, Python, C, C++, JavaScript, HTML/CSS, SQL
Databases: PostgreSQL, MongoDB, Supabase (RLS)
Frameworks/Tools: Node.js, RESTful APIs, Git, React Native, Tailwind CSS, Linux
Cloud: AWS (Certified), Deployment, Monitoring, Real-Time Data
Math: Multivariable Calculus, Statistics and Probability, Linear Algebra

Leadership and Campus Involvement

President - Penn State Club Cricket — **University Park, PA**
Aug 2023 – May 2026

- Spearheaded strategy and operations leading to a historic victory at the **NCCA National Championship in Houston, TX (March 2025)**.
- Led and motivated a diverse team of 15 players while managing a club of 30+ athletes; conducted tryouts, weekly practices, and coordinated tournaments for 130+ participants.
- Secured sponsorships via persuasive proposals and managed club finances, budgeting resources effectively across seasons.
- Championed community outreach through volunteering drives: food donations, stadium clean-ups, and social service initiatives.

Citizenship: USA