KARTIKEYA KUMARIA

● U.S. Citizen ✉ kartikeyaku@gmail.com 🔗 Linkedin ⯎ GitHub 🌐 Website

EDUCATION

University of California, Santa Cruz — Santa Cruz, CA
B.S. in Computer Science — *March 2026*

Relevant Coursework: Data Structures and Algorithms, Analysis of Algorithms, Object-Oriented Python, Advanced C++ Programming, Computer Systems and C Programming, Principles of Computer Systems Design, Database Systems I, Full Stack Web Development I

TECHNICAL SKILLS

Languages: Python, C, C++, JavaScript, TypeScript, SQL
Frameworks & Libraries: React.js, Next.js, Node.js, Express, Angular, Django, Sequelize
Tools & Platforms: Docker, AWS, Git, Azure DevOps, GitHub, GCP, Netlify, Vercel
SQL/NoSQL Databases: PostgreSQL, MySQL, MongoDB

EXPERIENCE

Redminds — **Remote**
AI Engineer Apprentice — *Jan 2026 – Present*

- Built end-to-end case management features (due dates, autosave, summaries), improving data completeness.
- Developed REST APIs and PostgreSQL schema migrations using Sequelize.
- Implemented search, validation, and real-time UI updates in a GCP-based system.

UCSC Blueprint — **Santa Cruz, CA**
Software Developer — *Feb 2024 – Feb 2026*

- Built and launched **YFIOB**, a full-stack K–12 career platform using React, Next.js, and Firebase.
- Mentored 5+ contributors and coordinated team development.
- Improved performance with Firestore and auth handling, reducing load time by 30%.

PACR — **Remote**
Full-stack Development Intern — *July 2025 – December 2025*

- Integrated backend Search API into 10+ frontend components using React and Next.js.
- Increased engagement by 25% and reduced query latency by 35%.
- Built 8+ pages with auth persistence and CI pipelines using Node.js, Docker, and AWS.

SKYIT (Subsidiary of GBCS Group) — **Remote**
Backend Developer Intern (Django & REST) — *Apr 2024 – Aug 2024*

- Fixed API ingestion failures and restored onboarding within 2 days.
- Cleaned and validated MySQL/CSV datasets for reliable data integration.
- Built 40+ Django REST test endpoints and reduced bugs by 20%.

CodeDay (CTI Accelerate Program) — **Remote**
Software Engineer Intern — *Oct 2023 – Dec 2023*

- Added BTU conversion feature to Open Energy Dashboard (PR #1087).
- Built Node.js engine for processing CSV energy datasets.
- Wrote unit tests using Mocha to ensure conversion accuracy.

PROJECTS

Survey Karrot | *React, TypeScript, Vite, Node.js, Express, PostgreSQL* — **Jul 2025 – Sep 2025**

- Built a full-stack survey platform with JWT authentication, role-based access, and dynamic survey builder.
- Implemented secure response storage, Jest testing, and deployed on Vercel.

LogBlog | *React, Django REST, Tailwind, PyTorch, SentenceTransformers, PostgreSQL* — **Jun 2025 – Jul 2025**

- Built an AI-powered blog platform with JWT authentication and automated email notifications.
- Implemented ML-based tutorial generation using PyTorch and SentenceTransformers; deployed on Vercel.