



PlexTech Software Consulting

University of California, Berkeley

Fall 2024 Client Information Guide

About Us



Our Mission

PlexTech is a student-led software development organization at UC Berkeley aiming to provide passionate students with industry experience while delivering affordable and innovative software solutions to our valued clients.



Past Projects

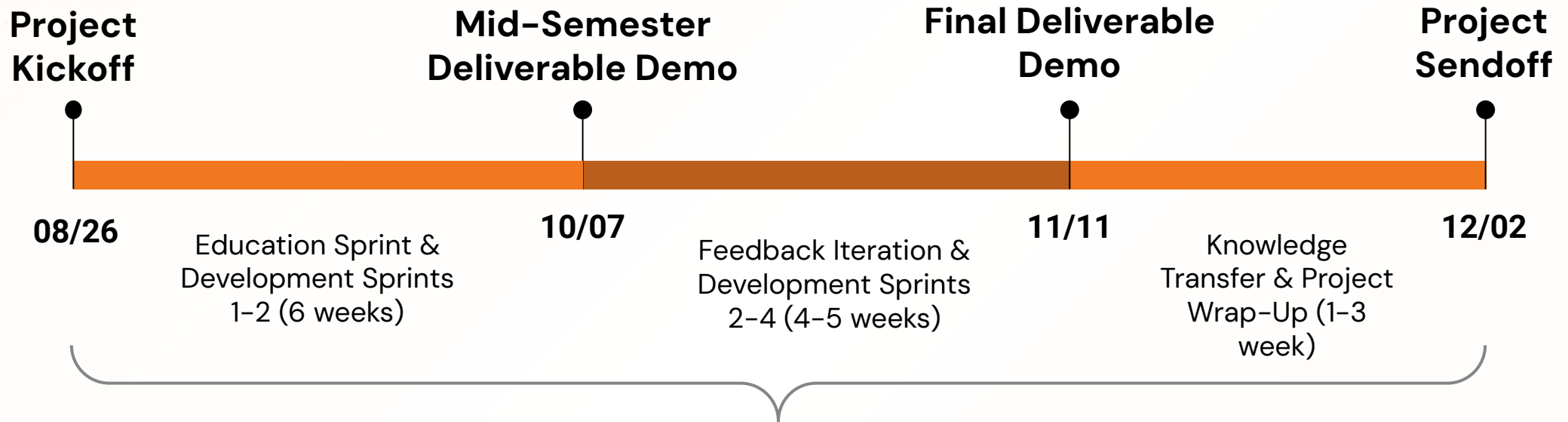
- Full Stack App Development
- Data Engineering + Visualization
- Machine Learning/Computer Vision
- UI Prototyping + Feature Ideation
- Mobile App Development



Where Our Developers Come From







Our Project Timeline



Past Clients



Past Client Project Examples

	Objective	Technologies Utilized	Final Product
 View Details	Develop a full-stack integration to file, track, update, notify 1,000,000+ SLA requests per day	ReactJS, Ruby on Rails, Docker, Kubernetes, TypeScript	A microservice with a frontend to configure SLA policies and a backend to facilitate requests and send notifications; unit tests to validate interactions between the two components
 View Details	Implement an issue similarity feature in Jira by leveraging NLP clustering and feature engineering algorithms	Python, Flask, AWS EC2, OAuth 2.0, Scikit-learn	A fully trained NLP model that has been deployed / hosted on AWS EC2; currently, groups 1000+ issues a day on Jira to save time for end users
 View Details	Create a mobile app that help employees to efficiently assign, track, optimize, and prioritize vehicle servicing tasks.	Typescript, PostgreSQL, Spring Boot, React Native	Task management mobile app that facilitates task assignment and tracking, incorporates user authentication, including data models, RESTful APIs, and front-end components, all managed by a full-stack team
 View Details	Devise an adaptive solution to detect and alert users of anomalous events	Redis, PostgreSQL, Kafka, ReactJS, NodeJS, Python	Anomaly detection system ingesting and analyzing real-time data with various classification algorithms, serving to custom dashboard UI



Key Summary and Contact Info



Diversity: Our developers come from diverse software engineering backgrounds, able to take on a myriad of development tasks at a far lower cost than new grad developers.



Recruitment: We provide numerous recruitment channels for you to find and recruit the most creative, bright, and diligent engineering minds at UC Berkeley!



Donations: Projects partnerships typically range from optional \$15,000–\$35,000 in donation. We use this money to fund the growth of our club, investing in essential software tools, workshops, and activities to create a stronger community within the club.

All payments are tax-deductible donations (PlexTech is a 501(c)(3) non-profit).



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[@PlexTech](https://www.linkedin.com/company/PlexTech)



[@plextech.berkeley](https://www.instagram.com/plextech.berkeley)



Frequently Asked Questions

→ What does the commitment look like for clients?

For effective partnerships, we highly recommend having a point-of-contact who can sync with the team once a week and be responsive to messaging, but if not possible we do our best to accommodate.

→ What technical skill sets do PlexTech developers have beforehand?

In addition to taking Berkeley courses including algorithms, data structures, databases, machine learning/AI, operating systems, and security, developers undergo a semester-long bootcamp involving React, Node, Express, Flask, MongoDB, and other technologies along with previously mentioned tools from their previous client projects such as AWS, Docker, Spring Boot, SQL, etc.

→ How do PlexTech developers ramp up to new codebases?

Every project, we have a 2-week learning sprint facilitated by project managers who spend a month beforehand acclimating to the codebase/tech-stack and design their own specific onboarding.

→ What does the code review process look like?

Project managers typically review code, as they have experience as developers in previous semesters and and with production-level style guides from past internships. We've also had some clients walk through code reviews with the whole team in the first few sprints, then leave it to PMs to ensure high-quality code.





Thank You!

We hope to work with you soon.