DEVLIN BOOTH

PROFESSIONAL SUMMARY

Dynamic Full Stack Software Developer with a proven track record in leading development projects and educating future software engineers. Expert in a wide range of technologies including JavaScript, Python, ReactJS, and AWS. Demonstrates exceptional problem-solving skills and a commitment to excellence in code quality. Adept at fostering learning environments and driving technical innovation.
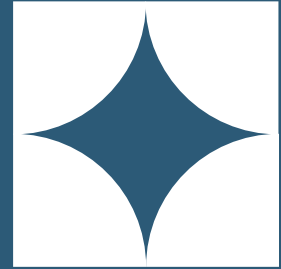
EXPERIENCE

Lead Developer - Maps, 04/2025 - Current
Altadena Collective, Altadena, California (Remote)

- **Designed and implemented a full-stack mapping system** to support wildfire recovery efforts, enabling community members to access, explore, and interact with rebuilding data through an online map.
- **Engineered a custom data pipeline** that compresses and serves large GeoJSON datasets (~50MB down to ~7MB) from AWS S3 to a React/Vite frontend, ensuring fast load times and smooth user experience.
- **Integrated Google Sheets as a dynamic data source**, allowing non-technical stakeholders to update project information (contracts, rebuild notes, designer/contractor directory) without developer intervention.
- **Developed interactive mapping features with Mapbox**, including layer toggling, opacity and color adjustments, and visibility controls to support community-driven decision-making.
- **Created scalable layer formulas and map logic**, enabling the addition of new rebuild-related datasets and organizational notes without restructuring the system.
- **Owned end-to-end engineering efforts as the sole developer**, from backend architecture and AWS infrastructure to frontend implementation and UX, delivering a production-ready tool for a community-led initiative.

Software Engineering Lead, 01/2025 - 11/2025
General Assembly, Riyadh, Saudi Arabia

- **Led as Engineer, Instructional Lead, and Program Facilitator** for a pilot cohort in Saudi Arabia, delivering intensive full stack development training to students entering the tech industry.
- **Designed and delivered curriculum** in modern web development (React, Node.js, databases, deployment), blending technical rigor with hands-on project-based learning.
- **Managed and mentored an international team**, providing technical guidance, instructional support, and ensuring program milestones were met.
- **Selected to lead the pilot program onsite**, representing the organization abroad and setting the standard for future international initiatives.
- **Expanded program reach by securing two additional contracts** following the success of the pilot, establishing credibility and trust with stakeholders.

Los Angeles 90046

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LINKS

- linkedin.com/in/devlin-booth/
- github.com/adevlinb
- devlin-portfolio.herokuapp.com/

SKILLS

- JavaScript (NodeJS), Python
- ReactJS, HTML / CSS
- React Native / Expo
- ExpressJS, Django, Flask
- Database Design, ORM, SQL, NoSQL
- Pandas, NumPy, Scikit-Learn
- Docker
- Mocha / Chai testing
- RESTful API Design
- Socket.IO
- Amazon Web Services (AWS)
- GitHub / Version Control

- **Contributed to long-term organizational growth**, with the client committing to **eight additional contracts for the coming year**, a direct result of program impact and delivery quality.

Software Engineering Associate, 06/2022 - 11/2024
General Assembly, Remote, Los Angeles, CA

- **Mentored over 100 students** in full stack development, supporting their transformation into capable software developers and achieving a high program success rate.
- **Facilitated mastery of core computer science and web development concepts**, including data structures, programming languages, front-end frameworks, database design (SQL/NoSQL), and modern web application architectures.
- **Delivered hands-on instruction and project-based learning**, guiding students through building and deploying real-world full stack applications.
- **Applied strong communication and coaching skills** to translate complex technical topics into accessible, practical knowledge for diverse learners.
- **Cultivated a supportive and inclusive learning environment**, adapting to varied learning styles and fostering collaboration, confidence, and technical proficiency.

Software Engineer, 03/2023 - 08/2023
HackForLA, Remote, Los Angeles, CA

- **Contributed to the open-source HackforLA.org project** as a full stack developer, collaborating with distributed teams to deliver new features and resolve design issues.
- **Worked within an agile Kanban framework**, practicing CI/CD methodology to ensure rapid, reliable deployment of changes.
- **Delivered high-quality code contributions and peer reviews**, improving the maintainability and scalability of the shared codebase.
- **Partnered with development and QA teams** to design and implement robust solutions aligned with community and client needs for functionality, scalability, and performance.
- **Strengthened collaboration in a remote, open-source environment**, engaging in transparent workflows, issue tracking, and knowledge-sharing to support project momentum.

Software Engineering Apprentice, 11/2022 - 02/2023
App Academy, Remote, Los Angeles, CA

- **Completed a 450+ hour full stack curriculum** to reinforce existing engineering expertise and expand into advanced technical domains.
- **Solved over 1,000 coding challenges and projects**, strengthening mastery of algorithms, data structures, object-oriented programming, and full stack application design.
- **Applied test-driven development (TDD) practices** using Mocha/Chai frameworks, implementing unit, integration, and end-to-end tests to ensure robust and maintainable code.
- **Deepened proficiency across the web development stack**, including JavaScript/Node.js, React, databases, and modern development workflows.
- **Demonstrated self-discipline and initiative** by independently completing a rigorous, self-paced program designed for professional-level software engineers.

Server / Trainer / Special Events, 07/2019 - 09/2021
AVRA Beverly Hills, Beverly Hills, CA

- **Trained and mentored new team members** on restaurant procedures, menu offerings, and high-performance service strategies, fostering a culture of excellence.
- **Demonstrated expert knowledge of fine dining standards**, leading by example to instill professionalism, efficiency, and attention to detail in service delivery.
- **Instructed staff on customer engagement and service techniques**, including order taking, food presentation, and problem resolution to enhance guest satisfaction.
- **Coached servers on menu mastery**, teaching ingredients, preparation methods, and personalized recommendations to elevate the dining experience.
- **Planned, organized, and executed fine dining events** for up to 30 guests, coordinating service flow and ensuring seamless event delivery under high-pressure conditions.

Server / Trainer / Special Events, 10/2013 - 06/2019
TAO Uptown, New York, NY

- **Delivered exceptional service in a fast-paced, high-demand environment**, consistently meeting the needs of a large and diverse clientele.
- **Trained and mentored new team members** on restaurant operations, menu knowledge, and high-performance service strategies, ensuring smooth onboarding and consistent quality.
- **Modeled professional standards of food and beverage service**, fostering a culture of excellence and reliability among peers.
- **Coached servers on effective techniques for order management, table service, and customer interaction**, enhancing overall team efficiency and guest satisfaction.
- **Guided staff in menu mastery**, teaching ingredients, preparation methods, and culinary details to provide knowledgeable and confident service.
- **Maintained composure and effectiveness under pressure**, managing multiple tables and complex service demands without compromising quality or guest experience.

EDUCATION

Certificate, Data Science, 2023
General Assembly - Remote

Certificate, Software Engineering, 2022
General Assembly - Remote

Master of Arts, Landscape Architecture, 2011
Louisiana State University

Bachelor of Science, Urban Planning, 2007
University of New Orleans