Chase Philpot

Global Project Leader turned Software Engineer

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PROFILE

I am a full stack software engineer with international project management experience. A former business owner, Fulbright recipient, and coach of two National Teams, I thrive in fast-paced, challenging environments and foster high-performing team dynamics. I'm now seeking opportunities with complex and varied challenges (business and technical) for me to solve.

PROFESSIONAL EXPERIENCE

Mozilla Firefox, Software Engineer   07/2025 – 10/2025 | Remote
- Contributed production-grade patches for complex Nightly browser bugs within Firefox's review-driven development process navigating a 31M+ line codebase spanning 25+ years. Tools used: Git, Bugzilla, Phabricator, Searchfox, and Mochitest. Bugzilla Profile ✑

Frame ✑ , Software Engineer & Creator   07/2024 – 06/2025 | Remote
Frame is an open-source multimodal image embedding and search platform that deploys to a user's Amazon Web Services account:
- Designed image validation and pre-processing pipelines for multimodal embedding models
- Cut operational costs by implementing cloud architecture that scales-to-zero when idle
- Built an SDK to streamline developer integration and simplify interaction with the Frame API
- Automated deployment via CDK-powered CLI, reducing 30+ step workflow to a few commands
- Authored a comprehensive case study outlining the problem space, technical trade-offs, and architectural decisions that led to the development of Frame

Middleboro Public Schools, Russian Instructor, Head of Department   09/2020 – 06/2021 | Middleboro, MA
- Designed original curriculum for 4 levels of Russian language instruction (grades 9 - 12) in a full-scale curricular overhaul for the first-ever implementation of hybrid learning model
- Developed and integrated multimedia tools and engaging games for interactive in-person and remote learning
- Maintained Individualized Education Plan for 60 students

US Small Business Administrator, Office of Disaster Assistance,   06/2020 – 08/2020 | New London, Connecticut
Team Lead, Loan Officer
- Coached team of 5 Loan Officers in processing applications according to protocol guidelines
- Disbursed $21M daily in aid by processing 140 Economic Injury Disaster Loan (EIDL) applications each day
- Handled sensitive personal and banking information and maintained strict confidentiality

American Councils for International Education, Participant Recruiter   08/2019 – 01/2020 | Kyrgyzstan & Kazakhstan
- Organized standardized academic testing for high school-aged student-participants for international exchange to the United States (1,250 students tested in one day in Bishkek)
- Coordinated testing logistics with local partners to correspond with educational authorities and to provide on-program support for testing and applicant interviews
- Interviewed and evaluated 120 participant-applicants based on 'Adjustment Factors' and attributed scores to student-applicants based on their potential for success on year-long exchange to the United States and provided written evaluation for each candidate
- Evaluated candidates holistically within context of a testing center applicant pool (30-60 applicant interviews in each test center)
- Collected data for 8,000 applicants throughout Eurasia and reported statistics to office in D.C.
- Verified materials submitted by applicants for completeness
- Contacted applicants to procure missing documents and to inform them of next steps in the process

Huawei Technologies Co., Ltd.,   01/2018 – 08/2019 | Moscow, Russia
Senior Marketing Manager, Project Manager, Editor / Interpreter
- Managed budget of 500,000k to publish telecommunications industry book titled "*Digital Transformation,*" by Alexander Prokhorov
- Hired and led publication team including author, coauthor, graphic designer, scientific and literary editors
- Collaborated across departments to realize project (including Procurement, Legal, Technical)
- Edited documents including business agreements, legal contracts, and company restructuring for internal company publication
- Edited C-level English business proposals and for external use
- Translated conferences on Big Data, Artificial Intelligence, Face and Voice Recognition
- Interpreted during high-stakes meetings with carrier network customers and key C-level business partners

Independent Business Owner, Education Consultant   09/2015 – 01/2018 │ Moscow, Russia
- Taught 5th, 7th, and 8th grade literature at private English-language school 'Dom Stankevich'
- Taught Mass Media/Political English course to Israeli Defense and Legal Attachés
- Designed individualized curriculum and led independent study programs on English literature, SAT test-taking skills, and college-level writing to students enrolling in universities in the US
- Coached 5 students through the college admission Personal Statement writing process

Fulbright Bulgaria, English Teaching Assistant and Cultural Ambassador   08/2014 – 07/2015 │ Burgas, Bulgaria
- Lectured on American culture to over 250 ninth and eleventh grade students
- Effectively integrated personal blogs and the use of electronic tablets to foster an interactive, multimedia learning experience
- Chaperoned class excursion to Baskovo Monastery (popular tourist destination)
- Founded a youth lacrosse team in host-town Burgas and grew team to 15 full-time players
- Organized instructional demonstrations in 6 different schools throughout the city of Burgas
- Led skills development practices throughout the year and fostered a productive learning environment in a multi-lingual setting
- Organized team trip to capital to play only other existing team: the Sofia Ninjas
- Organized accommodation for the Sofia Ninjas during their 3 trips to stay and play in Burgas
- Provided Bulgarian lacrosse community with matching team sweatshirts (2015)
- Designed & awarded Bulgarian National Team with new national team jerseys (2016)
- Led US Embassy-funded summer lacrosse camps and oversaw transportation and housing logistics for 50 young athletes (2015, 2016, 2017)

SKILLS

Languages and Frameworks
JavaScript, Typescript, Zod, Express, Python, SQL, React, Jest, HTML/CSS, Tailwind CSS

Cloud
AWS (CDK, SDK, Lambda, API Gateway, S3, CloudFront, DynamoDB, RDS, Step Functions, SQS, Bedrock), Digital Ocean Droplets

Other Technologies
REST APIs, Node.js, PostgreSQL (incl. pgvector), MongoDB, Git/Github, Docker, Nginx, Bash, OpenAI API, LLMs

EDUCATION

Mastery-based Full Stack Software Development, Launch School ∅   2025 │ Remote

Master of Arts, Middlebury College   2017 │ Middlebury, Vermont

Bachelor of Arts, Dickinson College   2014 │ Carlisle, Pennsylvania

LEADERSHIP / VOLUNTEERISM

Old Saybrook Senior High School, Assistant Lacrosse Coach   2024 – Present
- State Class S tournament appearances in 2024 and 2025

Middleboro High School, Assistant Lacrosse Coach   2020 – 2021

Moscow Lacrosse Club, Assistant Lacrosse Coach   2012 – 2019
- Represented Team Russia at World Lacrosse Championship in Israel (2018).

Burgas Titans, Head Lacrosse Coach, Founder   2014 – 2015
- US Embassy-funded summer lacrosse camps (2015, 2016, 2017)