Alexander Fiodorov-Miller

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SUMMARY

Full-stack software engineer with startup grit and experience across edtech, research, and enterprise. Co-founded a Spanish-language coding platform reaching 1M+ students; led performance and delivery upgrades to expand access in underserved regions. Thrives in high-velocity teams. Passionate about building elegant, accessible software that empowers people to live their best lives.

EDUCATION

UNIVERSITY OF MEMPHIS   Memphis, TN
B.S. in Computer Science   Aug 2021 – May 2025
Magna Cum Laude

WORK EXPERIENCE

AUTOZONE   Memphis, TN
Software Engineer Intern   Jun 2025 – Aug 2025
- Delivered full-stack features on AutoZone.com using React, TypeScript, and RESTful APIs to drive measurable business impact across high-traffic product pages
- Built and trained a diagnostic assistant using NLP techniques on 1.4M+ words of AutoZone blog data, automating vehicle troubleshooting and driving personalized product recommendations
- Collaborated in Agile sprint cycles from planning to shipping, deploying scalable, cross-device solutions on Google Cloud and refining UX through iterative feedback and data visualization

INSTITUTE FOR INTELLIGENT SYSTEMS   Memphis, TN
Software Engineer Intern   Jan 2025 – May 2025
- Shipped upgrades to Glyphwitch, a full-stack annotation tool powered by Meteor.js accelerating workflows for 12+ researchers by 40% while collaborating in a cross-functional, interdisciplinary team
- Enhanced UX responsiveness, raising usability scores by 25% via debugging and optimization

EMPRINNOS   Memphis, TN
Co-Founder & Software Engineer   Jul 2019 – Aug 2023
- Co-founded a Spanish-language CS education startup at age 17 reaching 1M+ students
- Cut page load times by 45% via async module loading and content compression, boosting retention in low-bandwidth regions
- Led CI/CD rollout, A/B testing, and cross-device optimization to scale platform access and engagement

PROJECTS

EXPENSELY (React Native/Expo)   Jun 2025 – Present
- Core contributor to App Store budgeting app; built transaction engine ensuring data integrity and seamless currency handling for real-world use
- Designed sleek, personalizable UI with dark mode, native feel, and smooth animations; optimized for performance across all devices

ACADEMICS LIST (React/Django/Google Maps)   Aug 2024 – Dec 2024
- Built a location-based business review platform supporting 10K+ monthly user interactions
- Led Agile sprint cycles and shortened revision time by 50% through tight sponsor feedback loop
- Co-designed UI features using Figma and Balsamiq wireframes; led code reviews and Git ceremonies

ADDITIONAL

Languages: JavaScript, TypeScript, Python, Go, Ruby, Java, Swift, C++, C#, SQL, HTML5, CSS/SCSS
Frameworks: React, React Native, Redux, Angular, Next.js, Node.js, Meteor.js, Django, Rails, .NET
Tools: Git, GitLab, Jira, Docker, Kubernetes, Terraform, CI/CD Pipelines, Unit Testing, Linux
Cloud & Databases: AWS, Azure, Google Cloud, Oracle OCI, MySQL, NoSQL, RESTful APIs, GraphQL
Design & Prototyping: Figma, Balsamiq
Natural Languages: Fluent in English and Spanish, Conversant in German