

MICHAEL MCGARVEY

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WORK EXPERIENCE

Meta Platforms Inc.

Jun 2025 – Present

Software Engineer

Menlo Park, CA

- Unblocked a launch across 39 AI-regulated markets by implementing explicit consent flows for a two-phase messaging system, coordinating 6 partner teams across multiple surfaces to deliver an increase of 1.1M in monthly active users
- Generated \$1.65M in projected annual operating expense (OPEX) savings by deploying AI-led solutions for business support cases, increasing automated resolution coverage by 0.9% and shifting manual case volume to AI-contained workflows
- Reduced OPEX by a projected \$753K annually by engineering an automated duplicate-tagging system, improving customer satisfaction by 0.3% and decreasing escalations to high-priority support agents
- Led design and delivery of PDF generation for Meta's in-product AI assistant for advertisers, launching a net-new foundational capability from zero to production and sustaining a 40% document download rate
- Integrated Meta's in-product AI assistant for advertisers across 6 surfaces onto a new messaging pipeline architecture, ramping production traffic as part of an in-flight migration off a legacy system

Adobe Inc.

May 2024 – Aug 2024

Software Engineer Intern

Lehi, UT

- Converted a monolithic PHP application to a microservices architecture, leveraging RESTful API's and React frontend
- Developed internal tools for Adobe's analytics platform using Java Spring and React within a new tooling framework
- Engineered a suite of tests in Spring using JUnit to maintain high-quality code as part of an overall CI/CD process

Ultimate Kronos Group (UKG)

May 2023 – Aug 2023

Software Engineer Intern

Weston, FL

- Developed a real-time data integration dashboard using C# and JavaScript, which streamlined the allocation process for customer issues and decreased overall resolution time
- Worked with RESTful APIs, improving team workflows and reducing ticket response time by 15% for key internal tools
- Debugged issues in C# and JavaScript reported by customers, resulting in a 98% customer satisfaction rate

PROJECTS

DevLink [GitHub]

- Engineered a platform that enables developers to connect and collaborate on projects by matching complementary skill sets
- Utilized Express.js to develop robust API endpoints, allowing communication and data management within the platform
- Secured access to API endpoints and safeguarded data by implementing authentication mechanisms, including JWT and OAuth

OneWorld [GitHub]

- Built an interactive mobile application to display over 30+ available charities and support organizations in a local area
- Created a maps system with the React Native framework and Apple Maps API, using JavaScript for the front-end and back-end
- Worked closely with 3 other developers, fostering a collaborative environment to meet a critical 48-hour hackathon deadline

SKILLS

Languages: Java, JavaScript, TypeScript, Python, C#, SQL, HTML, CSS

Frameworks: Spring, .NET, React/React Native, Angular, NodeJS, Express, Jest, Junit

Developer Tools: Git, VS Code, Visual Studio, Postman, Eclipse, Jira

EDUCATION

University of Central Florida

Aug 2021 - May 2025

Bachelor of Science in Computer Science

Orlando, FL