

Micah Haycraft

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WORK EXPERIENCE

Fidelity Investments

Jan 2021 – Present

Full Stack Software Engineer | July 2023 – Present

Durham, NC

- Rearchitected application to support integration of services with enterprise wide CI/CD platform, enabling teams to automatically onboard and use our service during their deployments with a single line of YAML.
 - Presented a new pattern to and passed a security architecture review for moving large amounts of data between user's ephemeral CI/CD pipelines and our application's long term data stores.
 - Developed new API for integrating our application with enterprise CD platform.
 - Implemented new authorization flow securing our application's APIs, including deploying to and integrating with enterprise API Gateway and subscription management tooling.
- Created an API to fully automate onboarding process for new users to our application, which was formerly a manual process.
- Became my team's go-to troubleshooter, frequently unblocking and guiding teammates in need of assistance.
- Created in-depth Confluence documentation for new architectures and integrations, including detailed guides with example files, inline code snippets, and screenshots.

Associate Software Engineer | Jan 2022 – July 2023

- Worked with team to design and implement a new Angular UI to replace a legacy mainframe system.
- Assisted with the migration of an internal application from on-prem to AWS EKS using internal tooling consisting of k8s, Jenkins, Docker, and Terraform for CI and CD pipelines.
- Worked with team to develop new features by designing and programming end-to-end implementations with a focus on Spring and Python API development near the DAL with queries written in PostgreSQL.
- Onboarded and trained new team members on the code base, with an emphasis on tooling, setup, and knowledge transfer for Python API programming as well as understanding our relational db.
- Gave presentations on product overviews, new feature development, technical explanations, and demos to users and stakeholders of my team's application.

Handshake

Jun 2021 – Dec 2021

Support Specialist

Remote

- Leveraged deep product knowledge to support Student & EDU Partners through Zendesk tickets while working alongside Relationship Managers and Engineering teams to resolve issues.
- Contributed to an Eng Week test data generation project by pair programming with HS engineers.

EDUCATION

University of North Carolina at Chapel Hill

May 2021

Bachelor of Science, Computer Science

Chapel Hill, NC

- Special Topic Courses Studied: computer vision, computational photography, AR/VR game development, computer security, modern web development, mobile game development
- Developer for AR/VR Club
 - Led development of a mobile browsed based web-AR app [ARt On Franklin](#)
 - Taught an [intro to web-AR workshop](#) at club's AR/VR hackathon HackReality '21

SKILLS, TECHNOLOGIES & INTERESTS

- **Skills & Technologies:** Agile Development, Jira, Git, Java/Spring, Python, SQL, HTML, CSS, JavaScript, TypeScript, Node.js, p5.js, AR.js, React, Angular, Jenkins, Kubernetes, EKS, Terraform, Docker, Unity, Visual Studio Code, Looker
- **Hobbies & Interests:** film photography; cinema; rock climbing; rocket league; jazz & swing, dance, travel