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; dance; jazz & swing