

Florence, KY
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Nicholas M. Klaene

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Experience

Software Engineer, Intern

GE Aviation

May 2021 – August 2021

- Front-end developer on the Analytic Config UI team, a platform for realtime jet engine analytics.
- Exceeded sprint point delivery expectations by over 100%.
- Focal of the Intern Technology Committee. Organized weekly meetings, technology demos and an international hackathon.
- Technologies: Vue.js, TypeScript, Amazon Web Services

Technical Apprentice

Northern Kentucky University

October 2020 – May 2021

- Responsible for developing web-applications and various technical tasks within Informatics+.
- Worked on several applications, including a front-end animal control form, a full-stack Node.js + Express based contact keeping application and a full-stack PHP + jQuery based horse betting application.
- Managed EC2 instances on AWS and wrote shell automation scripts.
- Technologies: HTML, CSS, JavaScript, PHP, Amazon Web Services

Projects

- **Inkling (in progress)** Inkling is an open-source tool for better technical documentation. Working closely with a software architect with 20+ years of experience. Technologies: Vue.js, Python, Amazon Web Services.
- **nicholasklaene.com** Personal website created with Vue.js (CDN). Deployed using AWS serverless services including S3, Lambda, API Gateway and Cloudfront.
- **Training Visualizer** Single-page application used to keep track of current running and cycling training volume. Plots activities on a map using Leaflet.js and provides descriptive statistics. Technologies: Vue.js, Node.js, Amazon Web Services, Strava API

Education

Highland Heights, KY

Northern Kentucky University

Fall 2020 | Spring 2023

- Bachelor's of Science in Computer Science with a minor in Mathematics. Extracurriculars: ACM at NKU, STEM Peer Mentors. GPA: 3.696

Certification

- **AWS Certified Solutions Architect - Associate** Credential ID: TSD926P1MJQE1QC4

Skills

- Programming Languages: Python, JavaScript, TypeScript, Java, SQL
- Frameworks: Vue.js, Express.js, Spring Boot
- Cloud: Amazon Web Services
- Tools: Visual Studio Code, IntelliJ, PyCharm
- Other: communication, emotional intelligence, strong interpersonal skills