

Jacob Bailes

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SUMMARY

Dedicated developer driven by passion with experience in building innovative web applications. Proven ability to manage projects and work with teams to effectively contribute to solving problems and delivering on results. Committed to continuous learning and enhancing user experiences through cutting-edge solutions.

PROJECTS

MBTA App

main.d356nzc62zjtr.amplifyapp.com/home

- Developed a comprehensive MBTA application using MERN (MongoDB, Express, React, Node) stack, enabling users to sign up, access live tracking, and view station alerts.
- Implemented a review system, favorite feature, rating comments, and live tracking functionality.

Portfolio for Graphic Designer

naashka.com • August 2023 - October 2024

- Designed and developed a visually engaging portfolio website that pays homage to the classic Windows 95 OS.
- Collaborated with the client to align the website's aesthetics with their personal brand and vision.

FitXpress

fitxpress.app • September 2024 - August 2024

- Designed and implemented a cloud-native fitness application using AWS services, including Lambda, Cognito, DynamoDB, and Amplify.
- Developed user-friendly frontend with Next.js and React
- Created features for calculating body metrics and creating customized weekly exercise plans
- Data visualization for results
- Conducted testing and optimization to ensure high performance and scalability

EDUCATION

Bachelor of Science in Computer Science

Minor in Mathematics • Salem State University • Salem, MA • 2024.2 • 3.8

Associates of Arts in Computer Science

Northshore Community College • Lynn, MA • 2022 • 3.7

- Awarded the Mathematics Achievement Award by the Math Department

EXPERIENCE

Sales & Digital Solutions Manager

Coffee Time Bake Shop

February 2018 - Present, Salem, MA

- Led and trained all sales personnel, optimized operations and improved efficiency
- Developed and proposed company website
- Spearheaded the integration of digital solutions, proposing online sales through company website

Technical Assistant

House of Nerds

May 2015 - January 2016

- Managed and maintained networks and PCs, Macs, and gaming console inventory
- Assisted with software imaging, builds, and repair

SKILLS

Software: JavaScript, Python, R, Git, Java, MongoDB, Express, Node, React, Next, Tailwind CSS, Bootstrap, RESTful API Development, Testing Frameworks

AWS Services: API Gateway, Lambda, DynamoDB, S3, CloudWatch, CloudFront, IAM, CloudTrail, Amplify, Route53

Data & Analytics: Data Visualization, Exploratory Data Analysis, AI, Machine Learning

INVOLVEMENT

Volunteer

PUTE.INFO • PUTE • August 2023 – September 2023

- Coordinated logistics for loading and dispatching trucks filled with essential aid to support humanitarian efforts in Ukraine.
- Collaborated with embassy representatives to facilitate the transition and resettlement process for Ukrainian refugees.
- Assisted in organizing community outreach initiatives to raise awareness and gather resources for those affected by the crisis.
- Engaged with local organizations to ensure efficient distribution of aid and support services for refugees in the area.