

Jacob Bailes

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Salem, MA, 01970

Professional Summary

Highly driven and skilled full stack developer with experience in designing and developing full-stack applications. Have extensive knowledge of cloud development utilizing services within AWS ecosystem. Dedicated problem solver with an obsession to delivering innovative solutions to complicated problems and driving overall growth.

Education

BS in Computer Science (GPA 3.8) with Minor in Mathematics

Salem State University, Salem, MA - 12/2024
Cloud Computing and Software Engineering

AA in Computer Science

North Shore Community College, Lynn, MA - 12/2022
Recipient of 2023 Math Achievement Award

Software Projects

www.fitxpress.app

- An upcoming cloud-native web-app solely utilizing AWS (Lambda, API Gateway, DynamoDB) for cost reduction and application scalability.
- Provides users with analytics and progression tracking on health statistics and exercises

MBTAXpress (link available on personal website)

- Developed a web-app targeted for commuters and travelers around the Boston area. Users view live tracking, get up-to-date alerts and station information, create reviews on stations, and rate other commuters' reviews.
- Full-stack utilizing MERN (MongoDB, Express, React, Node)

www.naashka.com

- Frontend Portfolio Website developed in JavaScript with React95, paying homage to the classic Windows 95.
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Key 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

Experience

Technical Assistant

House of Nerds, 2015-2017

- Managed and maintained multiple internet networks
 - Responsible for 40 PCs, Macs, and gaming console inventory
- Assisted with PC and Mac software imaging, builds, and repair
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Volunteer

Humanitarian Aid & Disaster Relief, 2022

pute.info

- Worked with PUTE on behalf of Ukrainian Embassy in Norway to deliver equipment, aid, and support directly to Ukraine.
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