

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. I have extensive knowledge with cloud development utilizing services like AWS. Dedicated problem solver with a strong commitment to delivering innovative solutions 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

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

Software Projects

www.naashka.com

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

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.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.

Key Skills

Software: JavaScript, Python, R, Git, Java, MongoDB, Express, Node, React, HTML/CSS, RESTful API Development, Testing Frameworks,

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

Volunteer

Humanitarian Aid & Disaster Relief, 2022

- Aided refugees from Ukraine adjust to new life in Norway.
- Worked with PUTE on behalf of Ukrainian Embassy in Norway to deliver equipment, aid, and support directly to Ukraine.