

# AHMAD MADI

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## SUMMARY

Full-Stack Software Engineer specializing in cloud automation, real-time analytics, and scalable backend systems. Strong experience in AWS, Python, TypeScript, and modern web frameworks. Proven track record building internal tools, optimizing workflows, and improving platform performance. Skilled in designing reliable cloud architectures, automating processes, and delivering high-impact technical solutions in fast-paced, cross-functional teams.

## SKILLS

<b>Frontend:</b>	React.js, Next.js, Typescript
<b>Backend:</b>	Node.js, Sails.js, Express.js, Python, PHP, Java, Spring Boot
<b>Cloud:</b>	AWS (Lambda, ECS, S3, Redshift, SNS, SQS, EC2), Docker, CI/CD
<b>Databases:</b>	SQL, NoSQL (MongoDB, DynamoDB), RedisDB
<b>Tools &amp; Methods:</b>	Git, Agile, Scrum, Microservices, Event Driven, OOP

## EXPERIENCE

<b>Software Engineer</b>	2019 - Present
Washmen	<i>Remote</i>

- Built and optimized cloud-based automation workflows using AWS Lambda (Node.js/Python), reducing manual operations and improving system reliability.
- Designed scalable backend services and internal tools powering operational analytics used across multiple business units.
- Increased the performance of a critical API by 75×, resolving ECS health failures and stabilizing real-time processes.
- Modernized legacy systems by migrating PHP/jQuery modules to React + TypeScript, improving usability and maintainability.
- Developed real-time analytics dashboards and data processing pipelines for facility monitoring using AWS, Node.js, and Python.
- Architected a cloud-native audit logging system (Lambda + DynamoDB + PostgreSQL) to track data changes and ensure compliance.
- Created a high-performance sync service using AWS Lambda + Algolia for near-real-time search indexing.
- Collaborated closely with product, QA, and operations in an agile environment, balancing long-term roadmap work with rapid iterations.
- Mentored junior developers and contributed to cross-team design decisions around API design, cloud infrastructure, and event-driven architecture.

## PROJECTS

**Menu Dash:** is a streamlined, intuitive digital menu management platform enabling businesses, such as restaurants, cafés, and takeaways, to effortlessly create, edit, and present their menus online. It offers user-friendly controls for adding menu items, descriptions, pricing, and images, all organized via a clean dashboard interface.

## EDUCATION

<b>Bachelor of Computer Science</b> , Lebanese International University	2016-2019
Relevant Coursework: Algorithms, Web Programming Server Side, Software Engineering, and Linux Lab.	
GPA: 3.00	