

# Mohammed Nabil

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## OBJECTIVE STATEMENT

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- 1+ years of experience in full stack development, microservices, database management, and cloud architecture
- Expertise in Java, Spring Boot, React, JavaScript and experienced in unit testing, and building secure software

## EDUCATION

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### Stony Brook University

Stony Brook, New York

B.S. in Information Systems and Applied Mathematics & Statistics

Graduated December 202

- o **Related Coursework:** Data Structures and Algorithms, Database Design and Practice, Data Analysis, Computer Networks, Analysis of Algorithms, Information Systems in Management, Statistical Laboratory

## EXPERIENCE

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### Software Engineer

January 2023 – April 2024

#### Cognizant

Remote

- Facilitated the migration of 4 medium sized application databases from MongoDB on premise to MongoDB Atlas
- Improved UI layout and formatting of an internal application for 100+ employees using HTML, CSS, and JavaScript
- Analyzed and upgraded an ExtJs application for 50+ employees using JavaScript, ensuring all components functioned correctly through smoke and end-to-end testing
- Led cross-functional team discussions with QA, DevOps, and project manager to allocate 120+ story points for QA, DevOps, and development tasks, and reviewed functional and non-functional requirements for the project

## PROJECTS

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### [Cognitive Cards](#)

Remote

Solo Project

August 2024

- Developed a full-stack application enabling users to generate and save flashcards on any topic using the OpenAI API, with a smooth flip animation for an enhanced UI; received positive feedback from 50+ users
- Implemented Firebase for secure storage of flashcards, integrated Clerk for user authentication, and added Stripe for seamless pro plan purchases.

### [MERNEats Food Ordering Site](#)

Remote

Solo Project

June 2024

- Developed a full-featured food ordering application using the MERN stack with features such as order status, restaurant info, stripe payment, search functionality, and an admin only dashboard for managing restaurants
- Integrated order delivery status updates for customers and enabled restaurant owners to update the status of orders, allowing customers to track their orders in real time

### [ProTech eCommerce Site](#)

Remote

Solo Project

February 2024

- Developed a shopping cart application with essential features such as product reviews and ratings, PayPal/credit card payment features, search functionality, and an admin only dashboard for managing products efficiently

## CERTIFICATIONS

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Microsoft Certified: Azure AI Fundamentals

February 2024

AWS Certified Cloud Practitioner

December 2022

## ACTIVITIES

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### CodePath

Remote

Software Engineering Tech Fellow

June 2023 – August 2023

- Led a focused group of 6 participants, ensuring personalized attention and fostering collaborative learning environments during the sessions

## SKILLS

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**Programming:** SQL | Java | Python | JavaScript | TypeScript | HTML5 | CSS | Node.js | React.js | Express.js | Spring Boot | R  
**Tools:** Git | MySQL | Visual Studio Code | Firebase | Supabase | OpenAI API | Clerk | OAuth | Rally | IntelliJ | PyCharm | Eclipse | Agile | AWS | Azure | Subversion | Spring Boot | Postman | MongoDB Atlas | Fiddler | Jenkins | Microsoft Office Suite