

# NATE FLAKE

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Over a decade of experience in web development • Ever expanding skill set to tackle emerging challenges

## SKILLS

- o .NET | C# | EF | ADO.NET
- o React
- o Flutter | Dart - Mobile App
- o JavaScript | HTML5 | CSS3
- o MS SQL | T-SQL | MySQL
- o Python
- o PHP
- o Visual Basic
- o Apache Server
- o REST API
- o Node | NPM
- o Git | Source Control
- o Jira | Azure DevOps
- o Agile | Scrum
- o Google - Scripts & Extensions

## CREDENTIALS

- o Full-Stack Web Development with React  
Cert. (Coursera ID: 2SZDUQK7NSXV)
- o E-Commerce with React, .Net & Redux  
Cert. (Udemy ID: UC-7c2b4ab-ab59-4a35-9a6c-8687c140cf57)
- o Google IT Automation with Python  
Professional Certificate (Coursera ID: CGY8BMLV878Y)
- o Hackerrank – Python: Gold level

## PROJECTS

### WEB API FOR REACT APP

.NET, C#, MS SQL DB

- o Precursor to React app website for ordering artisanal food online

### FLUTTER MOBILE APP

Dart, Git

- o Conceived, Designed and contributed code to a Chinese language learning tool

### STUDENT MANAGEMENT WEB APPLICATION

JavaScript, PHP, & MySQL

- o Built tool to assign & receive updates on student admin task statuses

### AUTOMATED STUDENT ADVISING SYSTEM WITH G SUITE

Google Apps Script

- o Used GAS to generate 4-year plan templates on the fly. Used G Suite for easy sharing & updating.

### CHROME EXTENSION FOR AUTOMATED DATA ENTRY

jQuery

- o Built extension to interact with 3<sup>rd</sup> party web tool, turning hours of tedium into one copy/paste

See more: [nateflake.com/projects](http://nateflake.com/projects)

## EXPERIENCE

### PROJECT MANAGER

2009 - PRESENT

### UNIVERSITY OF MISSISSIPPI CHINESE FLAGSHIP

#### Technology

- o Develops & utilizes online administrative tools for student management
- o Manages data for federal grant applications and reporting, harnessing a database & chrome extension for automation

## EDUCATION

### B.A., LINGUISTICS

1999 - 2004

### STANFORD UNIVERSITY

- o Coursework: language acquisition; Mandarin, Japanese, Arabic

### INTENSIVE LANGUAGE TRAINING

2004 - 2008

#### OVERSEAS

- o **Mandarin:** Fengchia Univ. (**Taiwan**) – 9 months
- o **Arabic:** Kelsey Arabic Inst. (**Jordan**) – 15 months
- o **Korean:** Ewha Univ. (**South Korea**) – 3 months
- o **French:** full immersion in **France** – 18 months