MICHAEL RUBINO

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Motivated graduate degree-seeking individual with 4+ years of professional experience in managing and developing full-stack web applications. Specializes in Angular with knowledge in Vue JS and React.

TECHNICAL SKILLS

- Angular
- JavaScript
- TypeScript
- Java
- Python
- HTML5
- CSS3
- SASS
- R
- VueJS
- SQL : Oracle, Microsoft
- AWS: EC2, S3, Lambda
- Tableau
- Android Developer
- Google Cloud Platform
- UX/UI Designer
- DataRobot
- RESTful WebServices
- Flask
- Git
- Node
- Xamarin
- Ionic
- Agile Fundamentals Certification

Education

Virginia Polytechnic Institute and State University
Jan. 2020 to May 2022
Masters of Science in Information Technology 2022
Concentration in Software Development and Software Engineering

University of Maryland, College Park
Aug. 2014 to May 2018
Bachelor of Science in Information Science

Full-Stack Experience

Accenture
New York, NY
Team Lead, Digital Business Integration Consultant
Sept. 2021 to Current

Multinational Hospitality Company - Project
- Lead a full-stack development team of 15+ to introduce a rewards program on a revitalized web and mobile application, which attracts over a million monthly active users.
- Collaborate with UX designers through bi-weekly sprint planning to capture and refine user stories.
- Produce web applications built on Angular to demonstrate new features for upper management.

Telecommunications and Mass Media Company - Project
- Manage a team of five junior developers and testers across various commercial projects to seamlessly modernize web and mobile applications.
- Coordinated across web and mobile teams on a weekly basis to ensure both applications were seamlessly integrated.
- Exposed Angular WebView within Xamarin mobile application while simultaneously synchronizing authentication and states through NGRX and ReduxSimple.

Booz Allen Hamilton
Washington, DC
Software Engineer, Consultant
Nov. 2020 to Aug. 2021
- Integrated analytical and visualization tools into rapid web application prototypes, which supported intelligence-based operations for the Department of Homeland Security (DHS) and Customs and Border Protection (CBP).
- Optimized delivery of intelligence reports capturing targeted tones and threats of nefarious actors by applying natural language processing and predictive models in Python to web applications built on the Angular framework.
- Developed REST APIs employing Flask services and libraries (including Cytoscape and amCharts) to present advanced intelligence data as interconnected structures.
- Bridged the collaboration gap between the agile team of software developers and data scientists by leading daily hybrid Scrum-Kanban meetings to address underlying challenges in development and end-to-end testing.

Fannie Mae
Washington, DC
Systems Analyst
Dec. 2018 to Nov. 2020
- Spearheaded the development of five web applications for employee risk monitoring.
- Leveraged knowledge of Angular JavaScript framework, D3, and Highcharts libraries to construct the front-end of web applications, and developed JavaServer Pages and REST APIs for consumption on the back-end.
- Prepared and transferred large datasets onto Tableau dashboards and designed user-friendly graphics to optimize data visualization for approximately 100 Fannie Mae users.
- Utilized R to perform statistical analyses on critical business metrics to monitor high-traffic servers and supply adequate resources during peak hours.

DataLab USA
Germantown, MD
Programmer/Analyst
June 2018 to Nov. 2018
- Oversaw ETL systems by monitoring daily database activities and synthesizing predictive models based on large datasets to determine their effectiveness.
- Programmed complex SQL queries to provide results for a wide variety of data requests from financial institutions.
- Automated and scripted existing processes for T-SQL, which led to a decrease in workload on company servers.
- Transferred all financial records from federal credit bureaus by employing SQL to perform bi-weekly data cleansing and maintenance.

Leadership Experience

Full-Stack Developer, Bookstore Web Application
Jan. 2020 to May 2020
- Deployed client-side technologies (including VueJS, CSS, and JavaScript) to build the front-end of the e-commerce web application.
- Configured back-end components by using server-side technologies (including Servlets and JSPs) to access SQL databases.
- Implemented consumer JSON Web Token (JWT) authentication to align with the security industry protocols.