

# Eric Thomas

## SOFTWARE ENGINEER | FULL-STACK DEVELOPER

### OBJECTIVE

Results-driven Full Stack Web Developer with a passion for crafting high-quality, scalable, and user-centric web applications. With a solid foundation in both front-end and back-end development technologies, including HTML, CSS, JavaScript, and various frameworks such as React, Angular, Node.js, and Express, I am dedicated to delivering innovative solutions that meet client needs and exceed expectations. Experienced in collaborating with cross-functional teams to design, develop, and deploy dynamic web projects, I am adept at turning concepts into reality and thrive in fast-paced, deadline-driven environments.

### EXPERIENCE

#### WEBSITE DEVELOPER AT IPROMISE - DANDONG, LIAONING, CHINA

Feb 2024 – Apr 2024

- Collaborated closely with the client to understand their business objectives, target audience, and design preferences for their website.
- Translated the client's vision into a visually appealing and user-friendly website design using Next.js components, CSS modules, and responsive design techniques.
- Conducted thorough testing and debugging of websites to ensure optimal performance, accessibility, and compatibility across various browsers and devices.

#### WEBSITE DEVELOPER AT NEXT LEVEL MEDIA - NEWYORK, NY, USA

Jan 2023 – Feb 2024

- Optimized the system's overall performance, reducing loading time by 30% across different kinds of web browsers.
- Built robust and responsive user interfaces using React.js and TypeScript, enhancing user experiences for administrative assistant applications.
- Developed and maintained efficient GraphQL queries to fetch and update data, ensuring optimal communication between the front-end and back-end systems.
- Designed and implemented RESTful APIs using Express.js and Node.js to handle client-server communication and data management ensuring APIs followed best practices for security, scalability, and performance.
- Deployment and DevOps: Set up and configured deployment pipelines using AWS services.

### CONTACT

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### EDUCATION

Presbyterian College, 2014

BA in Computational Biology

College of Charleston, 2017

Ph.D. in Mathematics with  
Computation

### LANGUAGE

English – fluent

Chinese – intermediate

### CERTIFICATE

Software Engineer Certificate from  
HackerRank

<https://www.hackerrank.com/certificates/a18aabe3988d>

Python Certificate from  
HackerRank

<https://www.hackerrank.com/certificates/1e4259f1f87b>

## SOFTWARE ENGINEER AT IZOTOO - SEATTLE, WA, USA

Oct 2018 – Oct 2023

- **Web Push Notification Platform:** iZotoo provides a platform that enables websites and online businesses to send push notifications to their users' browsers. As a software engineer, I contributed to developing and enhancing this platform, including features such as campaign management, audience segmentation, analytics, and integration with various web technologies.
- **Backend Services:** I have been working on building and maintaining backend services that power iZotoo's platform, such as APIs for managing user subscriptions, sending notifications, and collecting analytics data with Node.js, and Python.
- **Frontend Development:** I was also responsible for frontend development tasks related to iZotoo's web application, including implementing user interfaces for managing push notification campaigns, configuring settings, and viewing analytics reports using technologies like HTML, CSS, and JavaScript.
- **Performance Optimization and Scalability:** As iZotoo's user base grows, scalability and performance become critical concerns. I have been working on optimizing the platform performance, scaling the infrastructure, and implementing caching strategies to handle increased traffic and workload efficiently.

## BACKEND DEVELOPER AT NOVOGENE – SHENZHEN, GUANGDONG, CHINA

Mar 2014 – Jun 2018

- Designed and developed backend systems and APIs to support bioinformatics pipelines and genomic data analysis workflows.
- Integrated third-party services and APIs to enhance system functionality and interoperability with external platforms.
- For continuous deployment and monitoring tools Azure App Service was used.

## SKILLS

- JavaScript, TypeScript
- Python
- PHP
- C#
- Ruby
- Go
- Perl
- CSS, SCSS
- Shell Scripting
- MySQL, SQLite, MS SQL
- MongoDB
- GraphQL
- RESTful API, Backend, UI
- LAMP, XAMPP, WAMP
- Figma, Adobe XD
- Angular, React, Vue, Next.js
- React Native
- Bootstrap
- WordPress, Shopify
- Laravel, CodeIgniter
- Django, Flask
- Ruby on Rails
- Linux System Administration
- SELinux
- Firewall
- ESXi, vCenter
- Software Testing
- AWS, Azure
- Artificial Intelligence
- TensorFlow
- PyTorch
- SciPy
- NumPy