

# MATTHEW KEYS

## FULL STACK WEB DEVELOPER

### CONTACT

📞 631-626-2377

✉️ Matthewjkeys22@gmail.com

📍 Beacon, NY

 [LinkedIn](#)

 [GitHub](#)

 [My Portfolio](#)

### EDUCATION

#### Certificate, Full Stack Web Development

University of Utah  
Salt Lake City, UT - 2021

#### Bachelor of Arts, Philosophy

State University of New York at Geneseo  
Geneseo, NY - 2017

### REFERENCES

#### John Kelly

CEO & Co-owner, Kogent Services

📞 (845) 399-0262

✉️ johnk@kogentservices.com

#### Dave Obermeyer

Co-owner, Kogent Services

📞 (845) 391-1036

✉️ davido@kogentservices.com

#### Derek Martin

Senior Developer

📞 914-443-9820

✉️ derekjmartin@gmail.com

User-focused Full Stack Web Developer with a strong proficiency in TypeScript, Angular, Express, and Amazon Web Services. Experienced in developing applications from whiteboard to deployment. Excellent at adapting to challenges, improving operational performance, and conceiving alternative strategies. Self-motivated, persistent, analytical, results-focused, and flexible, with strong interpersonal and communication skills. Teams and companies value me for my positive attitude, intellectual rigor, and creative strategic approach.

### WORK EXPERIENCE

#### Full Stack Web Developer

Kogent Systems, LLC. 2022 - present

- Collaborate with fellow developers to research and select appropriate technologies for projects, considering factors like scalability and compatibility.
- Utilize Agile tools like Jira to break projects into actionable tasks, ensuring clear requirements and goals for each.
- Develop database schemas, create UI mock-ups, and maintain API documentation to guide development efforts.
- Stay updated with industry trends and learn new languages or frameworks as needed for project requirements.
- Maintain and upgrade in-house applications. I created an automatic invoice feature for Kogent's timesheet software to create invoice PDFs and email them to clients.
- Used graphic design software like Canva to develop marketing material and case studies from completed projects. Used prototyping tools like Figma to create application mockups.

Projects I worked on at Kogent Systems:

#### CenterView

Restricted Access Client Application - Demoable Upon Request (MySQL, NestJs, Angular, Node.js, 10+ AWS Services)

- SOX-compliant ERP application using various AWS services, Angular, and NestJS. Integrated customers' existing Microsoft Dynamics NAV ensuring synchronization of data
- Assess customer business structures and data to define database needs and design tailored solutions.
- Researched various AWS services and resources. Created and documented proof-of-concepts to make strategic decisions on our AWS architecture
- Translate business logic into desired application function and API architecture

---

## SKILLS / TOOLS

### Frontend Development:

- TypeScript
- JavaScript ES6+
- Angular
- React
- Material UI
- Handlebars

### Backend Development:

- Express
- Node.js
- NestJS
- Java
- Spring Boot

### Database:

- MongoDB
- MySQL/NoSQL
- MariaDB
- GraphQL

### Cloud and Deployment:

- AWS Cloud Architecture
  - S3
  - EC2
  - Amplify
  - RDS
  - Cognito
  - Route 53
  - Lambda

### APIs and Tools:

- Postman
- Docker
- Stripe
- SMTP
- AJAX/Axios/Fetch

### Design and Prototyping:

- Canva
- Figma

### Version Control and Project Management:

- Git
- Mantis
- BitBucket
- Jira
- Confluence

- Use UX/UI design tools to create mock-ups and review feedback with the client
- Part of a team of 8 developers. Developed using Agile methodology (Jira)
  - Whiteboard to MVP in 6 months

#### *Commerce Express*

<https://dev.ce.kogentservices.com>

(MySQL, NestJs, Angular, Node.js, AWS, Stripe)

- Part of a team of 2 developers
- Responsive B2C E-commerce site for a potential client.
- Built alongside a complementary admin site to offer clients the ability to customize their online presence, including their branding and product listings.
- Clients have control over promo codes and featured items. Custom webpages can be designed and posted using the application's built-in rich text editor.
- Stripe checkout integration, user emails sent via AWS SES. Users can make an account or proceed through checkout as a guest.

#### *KoLink*

Restricted Access Appli

(MySQL, NestJs, Angular, Node.js)

- Built a small application to view and interact with logs from a client database.
- Admins of this system needed visibility into the interactions for a specific API, and its' logged reports. I created an interface to view, create, edit, or delete these records.
- Worked with one other developer to create UI mock-ups and design our API to distill the data to our desired format.
- Design to a live application in three weeks.

#### *Kotime*

Restricted Access Website - Demoable Upon Request

(MySQL, Angular, Java, Spring Boot)

- Kotime is the in-house task and time-tracking software for Kogent. I had to learn the basics of Java and Spring Boot to work on this application.
  - Maintain a backlog of Jira tickets from past developers, the current workload, and any planned future development. Determine a scope of work. then execute a fix, or implement an upgrade.
  - Worked alongside one fellow developer to create an Invoice system. Application admins can create PDFs from the website HTML and email them directly to the respective client using AWS Simple Email Service (SES).
  - Created various dynamic Handlebars email templates capable of rendering properly across various email clients, including Microsoft Outlook.
-