

## CONTACTS

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Springfield, MA

## SKILLS

### Languages

JavaScript · TypeScript

### Frameworks

Node · React · Vue · Next · Nuxt · Redux

### Databases

PostgreSQL · MySQL · MongoDB · DynamoDB

### Tools & Technologies

AWS · Git · Docker · Linux · Kafka · Terraform ·

RabbitMQ · gRPC · Datadog

## EDUCATION

### Cornell University

BS, Computer Science

09/2012 - 06/2016

## CERTIFICATION

**AWS Certified Solutions Architect – Associate**

# Matthew Lee

## FULL STACK ENGINEER

## SUMMARY

Full-stack engineer with 8 years of experience delivering software solutions across diverse industries. Skilled at turning rough requirements into user-friendly applications, thriving in both startup and large-scale environments. Committed to clean, efficient code, reliable estimates, and effective collaboration.

## EXPERIENCE

### Etsy

03/2022 - 10/2024

#### Senior Full Stack Engineer

- Designed and developed internal management system using Next, Nest, MongoDB, Redis and AWS on a Linux system
- Built custom React hooks for state management, utilized React Query for efficient data fetching and caching, and built a reusable component library kit
- Led the development of a pixel-perfect, responsive page based on Figma, leveraging UI libraries like Tailwind CSS
- Developed unit and automation tests with Jest and Playwright, following a Test-Driven Development (TDD) approach
- Utilized AWS Lambda, API Gateway, and Docker for seamless deployment and development, and implemented CI/CD pipelines using GitHub Actions

### AgileEngine

05/2020 - 01/2022

#### Full Stack Developer

- Designed and developed with Vue, TypeScript, Node to facilitate integration and connections with PostgreSQL
- Developed GraphQL schemas and optimized SQL queries for large-scale applications across various industries
- Implemented social networking integration, third-party platforms, and Stripe Connect API for peer-to-peer payments
- Utilized AWS services, including EC2 for deployment, S3 for storing payment confirmation, and SES for email services

### Appointy

01/2019 - 02/2020

#### Frontend Developer

- Collaborated with an agile team using Jira and Confluence a comprehensive booking platform
- Built a customised dashboard for data analytics using libraries such as D3.js in React
- Refactored legacy CSS with modern SCSS techniques, reducing code redundancy
- Integrated third party platforms such as Paypal, Google Calendar, and Outlook Calendar to streamline booking functionality
- Conducted development using Jest and Cypress, emphasizing quality through comprehensive unit tests and automation cases

### Cognizant

07/2016 - 12/2018

#### Web Developer

- Created user interaction screens using React, Material UI, and Tailwind CSS, ensuring efficiency and a seamless user experience
- Implemented Redux for effective state management, creating a range of common and complex components such as Calendar, Checkout Flow, and Product Catalogs
- Integrated third-party APIs like Google APIs and Geolocation Services into web and mobile platforms to enhance functionality
- Utilised Node for developing RESTful web services and configured middlewares for efficient logging
- Built an error handling, logging, and tracking system utilizing Amazon CloudWatch, Lambda, SNS, and Datadog for monitoring and troubleshooting