

Andrew DiStasi

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PROFESSIONAL EXPERIENCE

Innovative Solutions

Senior Software Engineer (January 2023 – Present)

- Orchestrated architecture & development of cloud-native serverless solutions on AWS
- Scoped, architected, & assisted in selling projects with budgets in excess of \$600,000
- Implemented data-driven serverless web apps with React/Vue, REST/GraphQL, & JS/Python/C# Lambdas
- Developed complex ETL pipelines for reporting & forecasting using Glue, S3, Redshift, & QuickSight
- Built multi-region active/active failover environments with CDK and data synchronization techniques
- Provided technical mentorship to engineering team, conducted code reviews, promoted best practices
- Collaborated with PMO to define requirements, ensure on-time project delivery, & improve tracking
- Led AWS certification initiative, personally empowering 30+ coworkers to earn Cloud Practitioner

Cloud Software Engineer (March 2021 – January 2023)

- Developed cloud-native solutions with AWS tools & services
- Proactively (cost, uptime, service health) and reactively (break/fix) managed client environments
- Implemented CI/CD pipelines to automate build, test, & deployment processes
- Created & integrated real-time data visualization with AWS QuickSight

Grove City College

Full Stack Web Developer (July 2020 – March 2021)

- Developed web portal & CMS with .NET for remote tech support to students & employees
- Integrated existing Azure AD authentication controls & Graph API
- Conducted full suite of SDLC activities (modeling, design, development, acceptance testing)

Priority Thinking, LLC

Director of Digital Marketing & Software Development (June 2019 – December 2019)

- Digitized marketing & prospecting efforts, focusing on scalability, efficiency, & CRM integration

Full Stack Web Developer (August 2016 – June 2019)

- Designed, developed, & styled online survey tool in ASP.NET (MVC), JavaScript, HTML, & CSS
- Implemented data-driven reporting and visualizations of survey data for high-level analysis
- Implemented agile practices, company code conventions and other SDLC best practices

Rochester Institute of Technology

Adjunct Professor (August 2019 – Present)

- Courses: “Intro to DB & Data Modeling”, “Client Design & Development”, & “Web & Mobile I”

EDUCATION

Rochester Institute of Technology

- *Master of Science*, Software Engineering, 4.0/4.0 (2017 – 2019)
- *Bachelor of Science*, Information Technology, 3.96/4.0 (2012 – 2017)
 - Summa cum laude, RIT Honors Program, Minors in Business Administration & Language Science

TECHNICAL SKILLS

- *Programming Languages*: Python, JavaScript, TypeScript, C#, SQL, HTML, CSS, PHP, Java
- *Web Technologies & Frameworks*: React, Vue, REST, GraphQL, AWS Amplify, .NET Core & MVC, Angular, MaterialUI, Bootstrap, Tailwind
- *DBMS/DB Tools*: MySQL, SQL Server, PostgreSQL, NoSQL, SQLAlchemy, EF, Alembic, Flyway
- *Misc Tools*: Git, CI/CD (AWS CodePipeline & CodeBuild), Figma, Lucid, JIRA (Scrum & Kanban)
- *Infrastructure as Code*: AWS CDK, AWS CloudFormation, AWS SAM
- *AWS*: Extensive experience with
 - *Serverless Web*: Lambda, API Gateway, AppSync, DynamoDB, Aurora, S3, SQS, SNS, SES, CloudFront, CloudWatch, Step Functions, X-Ray, Fargate
 - *Data ETL & Visualization*: Glue, QuickSight, RDS, Redshift
 - *Access Controls & Security*: Cognito/Okta, IAM, Secrets Manager, SSM, KMS
- Leading technical teams: code reviews, career planning, technical mentoring
- Agile Development Processes & software design patterns
- Transposing, normalizing, and managing relational databases
- Some experience in AI/ML, natural language processing (NLTK), & computational linguistics

ACHIEVEMENTS & HONORS

- 2017, 2019 RIT Golisano Computing College Commencement Delegate
- Boy Scouts of America Eagle Scout Award