Anthony D. Mays

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PROFESSIONAL SUMMARY

Seasoned software engineer, consultant, and technical instructor with over two decades of full stack experience spanning enterprise software development, cloud technologies, and technical education. Has led large-scale software initiatives, built data-driven solutions while driving business transformation and provided technical training to thousands worldwide while staying up-to-date in modern languages.

SKILLS

Tools & Software: NextJS, Vite, React, Node.js, Angular, Svelte, GraphQL, WordPress, Google Cloud (GCP), Amazon Web Services (AWS), Azure
Programming Languages: TypeScript / JavaScript, Java, C#, Python
Tools: Git, Docker, Git Actions, Gradle, PHP Composer, MySQL, Postgres, GoogleSQL, Google Analytics, Cypress, Rollbar, Redis, Kafka, NoSQL
Core Competencies: Leadership, Communication, Technical Ownership, Scrum & Agile Methodologies, Content Creation, Teaching, Mentoring, Software Development Lifecycle (SDLC), Design Patterns, Cloud, DevOps, Application Monitoring Tools, LAMP, Jamstack, Code Reviews, Unit Testing, Continuous Integration (CI) / Continuous Delivery (CD), Object-Oriented Design (OOP), Developer Tools

EXPERIENCE

Founder & Consultant   **Morgan Latimer LLC**   **December 2018–Current**
- Provided quality tech instruction to thousands around the globe, including articles and videos with over 100K impressions across several platforms including Medium, the Dev Community blog, and LinkedIn.
- Ideated, filmed, scripted, produced, and launched self-guided video course teaching people how to navigate technical interviews with over 200 enrolled students. Managed creative budget and staff of 5 for two days of filming including a live event with local developers in the LA area.
- Built a study-level CRM system useful for exposing students to real-world complex software systems using microservices architecture in Java and TypeScript using the Eventuate framework on Kafka and MySQL. Setup deployment using Docker containers for local development and testing (Rest API).
- Designed and implemented a product analytics pipeline and reports for managing weekly sales of an online course by extracting data from WordPress-based Learning Management System using Google Cloud MySQL instance, Workflows, BigQuery, and Looker Studio while keeping costs under $20/mo.

Senior Software Engineer   **Google**   **December 2013–February 2022**
- Led implementation of data source editor for proprietary self service dashboarding tool used by 90% of Google's workforce. Owned design and major frontend refactoring to support legacy and new backend systems allowing users to create visualizations for schemas in excess of 1GB in the browser using service workers and browser storage (Angular 12, TypeScript, Java).
- Worked with users, stakeholders, and technical teams across Google's global workforce to design and implement a new version of the #1 most used visualization for the dashboarding product with zero downtime. Gathered, estimated, and wrote documentation for functional and technical requirements. Collaborated with User Experience (UX) researcher and designer to improve customer usability.

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Microsoft Practice Consultant   **Slalom Consulting**   **January 2012–December 2022**
- Used problem solving skills and data structures to improve performance of critical custom Microsoft Dynamics CRM plugin and reduce code from O(n^5) to O(n), improving reliability (C#, .NET).
- Worked with client to rollout Scrum process to development team and implemented necessary changes in Microsoft Team Foundation Server to support continuous integration and deployment and burndown report to track team velocity.
- Coached team on coding standards and led design reviews and code reviews to improve maintainability of code.
- Implemented single sign-on configuration using Windows Identity Foundation federated security protocols to tie Active Directory and user/password authentication from application database together for one seamless experience for Academy of Motion Picture Arts and Science employees and Academy Awards voting members (SAML, OAuth, C#, Silverlight).

Senior Software Engineer   **Junction Solutions**   **April 2010–December 2011**
- Designed and implemented features for eCommerce platform that handle 100K checkouts per month and $5 million in sales for customers using C#, Microsoft SQL Server, custom ASP.NET 2.0 server-side rendering, and the Windows Forms API.
- Implemented proprietary deployment automation tool that reduced deploy times by 50% or more and improved reliability using compression tools and custom hashing algorithm to package and deploy assets reliably and efficiently to co-located servers across North America (C#, .NET).

Programmer Analyst III   **City National Bank**   **June 2001–April 2010**
- Design database for patented, innovative platform for automating bank transactions for wealth management agencies that generated $200K in monthly revenue and implemented BPEL workflows using Microsoft BizTalk, C#, and the Metavante SOAP API.

PROJECTS

- Built an innovative prototype for conducting collaborative AI coding interviews featuring OpenAI ChatGPT API integration allowing users to use chatbot to practice problem solving by asking questions and documenting brainstorm solutions through speech recognition (TypeScript, Firebase, React, CodeMirror, tRPC, Rollbar).

EDUCATION

Bachelor of Science, Information & Computer Science   2001–2006
University of California, Irvine