

WILLIAM MCVAY

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PROFESSIONAL SUMMARY | Full Stack Developer

- 20+ years of experience building scalable, secure, and user-centric web applications for the intel, health care, defense, education, and legal industries in public and private sector roles.
- Proficient across full stack architecture from CI/CD DevOps and IaC through databases and back ends to front end design, implementation, responsive styling and SEO.
- Proven success designing and deploying production systems on Heroku, AWS, and GCP with 99%+ uptime, rapid and reliable deployment, and low overhead costs.
- Strong communicator and mentor reliable on remote Agile teams and independent project delivery consistently on schedule and delivering high quality, fully tested code.
- Recent focus on modernizing internal IT processes in a legal setting through automated workflows integrating legacy application APIs to reduce time requirements and errors.

TECHNICAL SKILLS

Languages: JavaScript/TypeScript, Java, Python, C#, PHP, SQL, Lua, Bash, IBM 3270.

Frameworks: React/Next.js, Angular, Node.js, Spring Boot, Django, .NET, jQuery.

Databases: PostgreSQL, MSSQL, MySQL, MongoDB/NoSQL.

Tools: Git, Docker, GitHub/CoPilot, Jira, TFS, Slack, Teams, Discord, Office, Google Apps.

DevOps: AWS (Lambda, EC2, S3), GCP, Heroku, GitHub Actions, Jenkins, NPM, Apache, Tomcat.

Testing: Jasmine, Jest, Integration & Unit Testing.

HACKERRANK CERTIFICATIONS (Aug – Nov, 2025)

JavaScript (Basic, Intermediate) • React • Software Engineer • Frontend Developer

PROFESSIONAL EXPERIENCE

Legal Administrative Specialist – Office of Conflicts Counsel (OCC)

Dover, DE | Aug 2025 – Present

- Developed Node.js and React apps to coordinate existing case management software.
- Achieved 99%+ reduction in labor and material costs to several automated tasks.
- Coordinated 20-30 clients per week for data entry, scheduling, case work, client communications, and conflict checks for public defender conflict services.

Senior Software Developer – JBS Dev

Remote | Mar 2022 – Jan 2024

- Built 2-3 daily scalable AWS Lambda functions and CloudFormation scripts in Node.js.
- Created 3-10 weekly React components for graduate program search and matching platform.
- Achieved 30% boost to Google Lighthouse scores via performance and SEO optimizations.
- Developed 2-4 weekly full-stack CMS features combining Django/PostgreSQL with React.
- Mentored 3-5 junior developers, coordinating tasks, reviewing code, and meeting deadlines.
- Ensured 95%+ code coverage with unit and integration tests.

Software Developer – American Systems

Remote | Feb 2019 – Jan 2022

- Built full-stack Angular + Spring Boot application for DoD childcare registration.
- Mentored 3-4 developers and led feature development from design to delivery.
- Ensured 95%+ test coverage integrating MSSQL procedures with Java and Angular layers.
- Delivered 4-10 completed user stories within biweekly sprints across distributed teams.

Software Developer – Accenture Federal Services

Remote | Sep 2014 – Apr 2018

- Integrated 5+ legacy data sources using Node to improve EMR scalability and performance.
- Developed Angular + Java-based applications for AmTrak and FCC services.
- Mentored 2-3 junior engineers and led implementation of mission-critical features.

Software Developer – Independent School Management

Wilmington, DE | Jul 2013 – Jul 2014

- Developed 2 complete Angular apps using LAMP stack for CRM and financial aid tools.
- Collaborated with ~10 member product and QA teams for successful feature delivery.

EDUCATION

University of Delaware

Newark, DE | Aug 2003 – Jun 2007

- BS in Computer Science, BA in Psychology, Minor in Political Science
- Specialization in Intelligent Behavior

Delaware Technical Community College

Dover, DE | Aug 2017 – Jun 2019

- Associate's Degree in Paralegal Studies
- President, Student Paralegal Association | Member, ATK Honor Society