

WILLIAM MCVAY

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FULL STACK DEVELOPER – SUMMARY

- Versatile and experienced Full Stack Developer with over 20 years of proficiency building scalable, secure, and user-centric web applications from CI/CD DevOps to the front end.
- Skilled in development across various industries in both the public and private sectors.
- Accomplished in independently driving features from concept to deployment as well as collaborating with remote and on-site teams across timezone and cultural boundaries.
- Strong problem solver with attention to detail, effective written and spoken communication skills with technical and non-technical audiences, and extensive mentoring experience.

TECHNICAL SKILLS

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

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

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

Tools: Git, Docker, Jenkins, GitHub, Jira, Slack, TFS, Teams, Discord, MS Office, Google Docs.

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

Testing: Jasmine, Jest, Integration & Unit Testing.

CERTIFICATIONS

- **HackerRank — Front End Developer (React) Certificate:** [21dee0cf0091](#) (Nov 2025)
- **HackerRank — Software Engineer Certificate:** [245ab05db2c0](#) (Aug 2025)
- **HackerRank — React (Basic) Certificate:** [9ca3d50122be](#) (Nov 2025)
- **HackerRank — JavaScript (Basic) Certificate:** [ceaf57b75922](#) (Aug 2025)
- **HackerRank — JavaScript (Intermediate) Certificate:** [11347597c1bf](#) (Aug 2025)

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 lead 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