

DEREK MERCEDES

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[Website](#) | [Linkedin](#) | [Github](#) | [Blog](#)

FULL-STACK SOFTWARE ENGINEER

AWS-Certified Full-Stack Developer with expertise in JavaScript, TypeScript, React, and Python. Experienced in building responsive web applications, RESTful APIs leveraging microservices and cloud technologies. Strong background in management, with a track record of successful freelance projects and customer-facing roles.

TECHNICAL SKILLS

Front End	JavaScript (ES6), TypeScript, React, Vue, Redux, HTML5, CSS3, Tailwind, Bootstrap
Back End	Python, Java, Node.js, Express, MongoDB, SQL, PostgreSQL, RESTful API Development
Testing/Deployment	Jest, Mocha, Playwright, Firebase, Vercel, AWS (Amazon Web Services), Docker
Developer Tools	Git, npm, VSCode, Agile Methodology, Bash, Windows Subsystem for Linux

CREDENTIALS

AWS Certified Developer - Amazon

Full-Stack Software Engineering - Flatiron School

Bachelor of Science (Computer Science - Game

Development) - Full Sail University

SELECTED PROJECTS

Ebb - Mental State Journal | [Github](#)

Journaling app that tracks moods associated with entries and charts them over time.

- Incorporated TailwindUI and TypeScript with React for journaling and navigation, visualizing trends with ChartJS
- Built a REST API to manage data for multiple users, entries, and mood trend information.
- Utilizing best practices, implemented user authentication in Python + Postgresql backend using JWT and Bcrypt

D&D Nearby: 5e Character Builder | [Github](#)

Streamlines the process and automates the math required to make a character for D&D 5th Edition

- Leverages the MERN (MongoDB, Express, React, Node) stack, with MantineUI for styling
- Converted data from over 35 rulebooks into a RESTful API, allowing efficient data fetching for the application
- Generates a printable PDF using the official character sheet, ready for play with no extra bookkeeping

SnapSwap

Connects users across the cloud and allows them to swap photos.

- Built database with Amazon S3, while implementing Cognito User Pools for user management.
- Constructed application with Amazon SAM, utilizing EC2 and Lambda for business logic.
- Utilized Kinesis Data Streams to populate a history of traded photos for users to view.

RELEVANT EXPERIENCE

Web Developer, Denver CO

Freelance

- Built RESTful APIs to interop with existing client codebases using Python.
- Extensive use of MERN (MongoDB, Express, Node, React) to rapidly build out e-commerce storefronts
- Assisted in migration to and from cloud providers (GCP, AWS)
- Developed thorough documentation to facilitate maintenance after contract expiration
- Interfaced with common APIs (Stripe, Paypal, Google Maps, etc.) for development of custom web applications.

IT Help Desk Technician, Merritt Island FL

Time Warner Cable

- Provided first-level technical support for a diverse user base, efficiently diagnosing and resolving hardware, software, and network issues to minimize downtime and enhance productivity.
- Managed and prioritized support tickets using an ITSM system, consistently meeting SLAs and maintaining customer satisfaction through clear communication and prompt issue resolution..
- Collaborated with cross-functional IT teams to escalate complex issues, document solutions, and contribute to knowledge base updates, improving overall support efficiency.