

MARCUS D. WEBB

Backend Software Engineer

Chicago, IL | m.webb[at]email.com | linkedin.com/in/marcuswebb | github.com/marcuswebb

Summary

Backend engineer with over 5 years of experience in Python and Node.js development. Experienced in building REST APIs, working with relational databases, and deploying applications on AWS. Good team player who is comfortable working independently as well. Looking to join a company where I can contribute my skills and continue to grow as an engineer.

Work Experience

Backend Engineer — Novu Technologies

Jan 2022 – Present · Chicago, IL

- Developed and maintained backend services and APIs used by the platform
- Worked with Python and Django to build new features based on product requirements
- Collaborated with frontend developers and product managers to deliver updates on schedule
- Implemented caching with Redis to improve system performance
- Participated in code reviews and helped maintain coding standards within the team
- Wrote unit and integration tests using pytest to ensure code reliability

Junior Backend Developer — SkyBridge Solutions

Jun 2019 – Dec 2021 · Remote

- Helped build and maintain REST APIs for a SaaS logistics product
- Wrote and optimized SQL queries for PostgreSQL database
- Assisted with implementation of user authentication and access control features
- Fixed bugs and resolved issues reported by the QA team
- Contributed to internal documentation for APIs and services

Skills

Python · Django · Node.js · Express.js · PostgreSQL · MySQL · Redis · REST APIs · AWS (EC2, S3, RDS) · Docker · Git · JavaScript · Celery · Linux · Postman

Education

B.Sc. Computer Science — University of Illinois at Chicago

Graduated May 2019 · GPA: 3.4 / 4.0

Certifications

AWS Certified Developer – Associate (2022)

Docker Certified Associate (2023)

Marcus D. Webb

Senior Backend Engineer · Python · Node.js · AWS · Distributed Systems
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PROFESSIONAL SUMMARY

Senior Backend Engineer with 5+ years of experience building and scaling high-traffic API systems across fintech and logistics platforms. Specializes in Python/Django and Node.js microservice architecture, AWS cloud infrastructure, and engineering workflows that cut costs and improve team velocity. Known for translating complex technical requirements into clean, maintainable systems — and for bringing measurable improvement to every codebase he touches.

PROFESSIONAL EXPERIENCE

Senior Backend Engineer · **Novu Technologies** Jan 2022 – Present | Chicago, IL

- ▶ Architected a microservices-based API platform serving 2M+ monthly active users; reduced average response latency by 38% through Redis caching strategies and query restructuring.
- ▶ Led migration from a monolithic Django application to modular service architecture, cutting deployment time from 45 minutes to under 8 minutes via Docker and GitHub Actions CI/CD.
- ▶ Designed a real-time notification pipeline handling 500K+ events/day using Celery workers and PostgreSQL pub/sub — zero downtime since launch.
- ▶ Defined API contracts with product and frontend teams using OpenAPI/Swagger documentation, reducing cross-team integration bugs by 60%.
- ▶ Drove a test coverage initiative from 41% to 87% across core services, cutting production incident rate by half over two quarters.
- ▶ Mentored 2 junior engineers through structured code review cycles, improving average PR turnaround time by 25%.

Backend Developer · **SkyBridge Solutions** Jun 2019 – Dec 2021 | Remote

- ▶ Built and maintained RESTful APIs for a SaaS logistics platform serving 300+ enterprise clients across North America, supporting \$12M+ in annual transaction volume.
- ▶ Optimized complex PostgreSQL queries and indexing strategies, reducing financial report generation time by 52% — a change that directly improved client SLA compliance.
- ▶ Implemented OAuth 2.0 authentication and role-based access control (RBAC) across 4 interconnected internal services, resolving a recurring security audit finding.
- ▶ Contributed to a Node.js microservice refactor that eliminated 3 redundant legacy endpoints and reduced monthly AWS infrastructure costs by \$4,200.
- ▶ Authored internal API documentation adopted as the team standard, reducing onboarding time for new developers from 3 weeks to under 10 days.

TECHNICAL SKILLS

Languages	Python, JavaScript (Node.js), SQL, Bash, TypeScript
Frameworks	Django, FastAPI, Express.js, Celery, Jest
Databases	PostgreSQL, MySQL, Redis, MongoDB
Cloud / Ops	AWS (EC2, RDS, Lambda, S3, CloudWatch), Docker, Kubernetes, GitHub Actions, Terraform
Practices	Microservices, REST API Design, CI/CD, TDD, Code Review, Agile/Scrum

EDUCATION

B.Sc. Computer Science · University of Illinois at Chicago · May 2019 · GPA: 3.4 / 4.0

CERTIFICATIONS

AWS Certified Developer – Associate · Issued 2022

Docker Certified Associate · Issued 2023

Portfolio & references available upon request