Hassan Badat

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Experience

Full Stack Developer | Technical Lead

Axle Informatics | Dec 2021 – Present | Bethesda, MD | Remote

- Led development of high-impact applications serving the National Institutes of Health, delivering scalable solutions that support critical healthcare research and operations.
- Transformed legacy systems: Spearheaded complete refactor of project tracking application, implementing performance optimizations and modern architecture that improved UX and enabled seamless data sharing.
- Built for scale: Delivered features for GARD website serving 3M+ daily visitors with 99.9% uptime and strict regulatory compliance.
- Modernized backend: Rebuilt Rust/Cargo API in NestJS to enhance scalability, maintainability, and align with modern dev practices.
- Cloud optimization: Partnered with DevOps to enhance AWS infrastructure, improving deployment efficiency and system reliability across environments.
- Technical leadership: Championed performance and collaboration, delivering solutions that advance NIH's public health mission.
Skills: NestJS, Angular, AWS, TypeScript, PostgreSQL

Full Stack Developer

Start Software Development | Jun 2020 – Dec 2021 | Stark County, OH | Remote

- Delivered innovative software solutions across industries, solving business challenges and generating measurable value.
- Key project: Built ChimpSpect, an inspection platform used by labor professionals for 100K+ inspections, ensuring scalable and user-focused design.
- Cost savings: Developed custom timekeeping software saving $70K+ annually by streamlining payroll fraud detection.
- Full-stack delivery: Consistently shipped end-to-end solutions using modern tools and a focus on scalability and tech innovation.

Skills

TypeScript,, NestJS, Angular, React, React Native, Node.js, Express.js, MongoDB, PostgreSQL, AWS, GCP, Docker, Prisma, GitHub Actions, REST APIs, Microservices Architecture, CI/CD, Agile/Scrum