DHARANESSH M D

Full-Stack AI Engineer

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EXPERIENCE

Independent Software Developer

Self-Employed

10/2024 - Present ♀ Remote

- Built Al projects using Python, ML algorithms, and data structures; developed SaaS products with custom Al model integrations.
- · Developed full-stack apps with Python, Spring Boot, and Snowflake; contributed regularly to GitHub for versioning and collaboration.
- Continuously upskilled in AI, system design, and cloud tech through hands-on projects and online learning platforms.

Software Engineer

Fidelity Investments

(Contract)

- · Built responsive UIs with Angular, Spring Boot, and TypeScript, enhancing performance and code maintainability.
- · Optimized app speed and memory use with RxJS, achieving 40% better performance and 30% lower memory usage.
- · Collaborated on UI development with third-party libraries, efficiently troubleshooting and resolving complex issues.

UX / Graphic Designer

21K School

- Designed user interfaces and components for single-page applications using Figma and ReactJS, achieving a 35% performance improvement.
- Built reusable components and maintained a modular architecture that supported long-term maintainability and scalability.
- Developed responsive layouts with HTML5 and CSS3, ensuring accessibility and following web design best practices.

PROJECTS

Tech Stack Compliance Dashboard

- Built a dashboard with Angular and Spring Boot to track tech stack version expirations, improving compliance tracking by 80%.
- Integrated software and model views using SQL and Snowflake, boosting data retrieval efficiency by 35% and enhancing visibility of components.
- Applied TLM (Technology Life Cycle Management) processes to streamline lifecycle management, increasing planning and maintenance efficiency by

Curability Prediction Models For Anemia Using Machine Learning

- Built predictive models in Python with 85% accuracy using scikit-learn, applying OOP and clean coding best practices.
- · Boosted model accuracy by 15% through feature engineering, outlier handling, and advanced data preprocessing.
- · Applied statistical methods and ML pipelines to ensure scalable, maintainable, and reproducible model performance.

EDUCATION

B.E. in Computer Science and Engineering

Anna University

2018 - 2022

SUMMARY

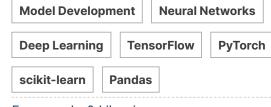
Full-Stack Al Engineer with 2+ years of experience in Python, Java, Angular/React, and GenAl. Proven track record in building secure microservices, optimizing SQL, developing scalable SaaS and Al products. Passionate about innovation, automation, and continuous learning.

SKILLS

Programming Languages



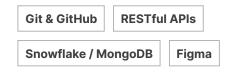
AI & Machine Learning



Frameworks & Libraries

Django	Spring Boot	Angular	React
Next.js	RxJS		

Tools & Technologies



TRAININGS / COURSES

- Algorithms, Part I & II by Princeton University
- Angular & React The Complete Guide 2024
- · Master Microservices with Spring Boot/Cloud

KEY ACHIEVEMENTS



UI Performance Enhancement

Improved UI performance by 40% using advanced front-end technologies.



Al SaaS Product Enhancement

Improved model integration with system architecture, boosting feature visibility by 35% in Al-driven SaaS applications.



Al Automation Enablement

Integrated Al-driven automation into workflows, streamlining decision-making and reducing manual intervention across systems.