

DHARANESSH M D

Full-Stack AI Engineer

+91 994 308 2281 @ dharanessh.md@gmail.com linkedin.com/in/dharanessh-md dharanessh-ai-portfolio.vercel.app
Bengaluru

EXPERIENCE

Independent Software Developer

Self-Employed

10/2024 - Present Remote

- Built AI projects using Python, ML algorithms, and data structures; developed SaaS products with custom AI 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

10/2023 - 10/2024 Bengaluru

(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

06/2022 - 03/2023 Bengaluru

- 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 40%.

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

SKILLS

Programming Languages

Python

Java

JavaScript (ES6+)

TypeScript

AI & Machine Learning

Model Development

Neural Networks

Deep Learning

TensorFlow

PyTorch

scikit-learn

Pandas

Frameworks & Libraries

Django

Spring Boot

Angular

React

Next.js

RxJS

Tools & Technologies

Git & GitHub

RESTful APIs

Snowflake / MongoDB

Figma

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.

AI SaaS Product Enhancement

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

AI Automation Enablement

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