

Harsh Eary

Full-stack Developer | AI Student

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PROFESSIONAL SUMMARY

Aspiring full-stack developer and AI practitioner with practical experience in building responsive web applications and end-to-end machine learning pipelines. Proficient in React, Next.js, Python, and model development using Scikit-learn and TensorFlow. Strong collaborator with a focus on clean architecture, data-driven solutions, and continuous learning in both software engineering and applied AI.

TECHNICAL SKILLS

Languages: Python, Java, C#/C++, JavaScript, TypeScript, HTML/CSS, SQL

Frameworks & Libraries: .NET Core, Next.js, OAuth, React, Node.js, Express.js, Socket.IO, Tailwind CSS

Machine Learning: pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras, NLTK, OpenAI API

Developer Tools: Eclipse, Git, Postman, Figma, Linux OS, Google Cloud Platform, Jupyter Notebook

Databases: MongoDB, MySQL, Oracle Database

PROJECTS

Mystery Message | *Next.js, TypeScript, NextAuth, OpenAI API, MongoDB, ZOD, ShadCN, Resend API*

- Developed a full-stack anonymous messaging app that handled 500+ secure messages during testing
- Implemented OTP-based authentication with NextAuth and Resend API to enhance security and prevent unauthorized access
- Integrated OpenAI API to suggest anonymous, creative messages - increasing user engagement
- Built a responsive and accessible UI – using ShadCN, React Hook Form, and Zod – to ensure form validation, usability, and scalability across devices

Housing Price Prediction | *Scikit-learn, Feature Engineering, Model Training, Pipeline Design, Model Evaluation*

- Built an end-to-end ML pipeline to predict housing prices using California census data, applying core techniques like model training, evaluation, and feature engineering
- Improved accuracy by experimenting with scaling, one-hot encoding, and outlier removal — achieving a 15% error reduction over baseline models
- Boosted model generalization using cross-validation, and grid search — improving consistency on unseen data
- Gained practical insights into Machine Learning workflows — by independently exploring model evaluation, feature importance, and pipeline automation — reinforcing understanding of supervised learning

EXPERIENCE

Website Developer Intern

January 2025 - April 2025

Physiomed

Oakville, ON

- Built internal web tools for tracking patient and athlete rehab progress — enabling kinesiologists and clients to access personalized fitness programs and reducing reliance on manual tracking
- Developed secure and scalable backend services — using Appwrite for authentication, database operations, and serverless functions — contributing in 3 key endpoints for login, progress updates, and exercise delivery
- Collaborated on React frontend — implementing login and dashboard components to display structured exercise plans and progress reports — improving usability for both clinical staff and patients
- Coordinated with a cross-functional team of 4+ kinesiologists from diverse specialties — incorporating feedback into planning and testing to align features with real-world physiotherapy workflows

EDUCATION

Centennial College

Scarborough, ON

Advanced Diploma in Software Engineering - AI | GPA - 4.32/4.5

January 2024 – December 2026

Focus Areas: *Artificial Intelligence, Data Structures, Algorithms, Object-Oriented Programming, Full Stack Web Development, Operating Systems, System Design, Software Testing and Quality Assurance*