

Mohammad Tawsif Hasan

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Ridzuan Condo (Block C), Jalan PJS 11/10, Bandar Sri Subang, 46150 Petaling Jaya, Selangor

Professional Experience

Back-end Developer (Remote), EVQ Labs, Dubai, United Arab Emirates

March 2023 – November 2024

Full Time

- Built and maintained key components of the Eidverse web3 platform, including a Web3 award system, Telegram bot, admin panel, and backend APIs.
- Developed Node.js + PostgreSQL backend supporting \$EID token transfers, Web3Auth login, and community engagement features.
- Integrated Web3Auth and JWT for secure authentication.
- Built a Telegram bot using Python for nominations submission and community voting, with admin commands for monitoring.
- Designed a Next.js + Tailwind admin panel to distribute \$EID tokens in bulk, visualize user growth, and secure access via HTTP-only cookie sessions.
- Developed an AI profile scoring system with OpenAI APIs, scoring individuals based on their scraped LinkedIn data
- Managed deployments on AWS EC2, Lambda, and EventBridge for serverless backend services.

Web Developer (Remote), Shabash Fakibaj

Nov,2020 – July 2021 (6 months)

Part Time

- Designed and developed the company's website using HTML, CSS, and WordPress
 - Collaborated with team members to implement website features and functionalities, contributing to the overall online presence and brand image of Shabash Fakibaj
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Educational Qualification

Master of Artificial Intelligence

Expected July 2027

Monash University, Bandar Sunway, Malaysia

Bachelor of Science in Electrical and Electronic Engineering

January 2019 - May 2023

Islamic University of Technology (IUT), Gazipur, Dhaka

CGPA: 3.63 out of 4.00

Projects

Turf Booking Backend

- Built a backend system for booking sports fields using Node.js, Express, PostgreSQL, and Prisma ORM.
- Allowed field owners to manage listings and bookings.
- Added user registration and secure login.

Mental Health in Tech - Data Science

- Collected and cleaned raw survey data related to mental health in the tech industry.

- Performed exploratory data analysis (EDA) using Python libraries such as Pandas, Matplotlib, and Seaborn.
- Handled missing values, standardized categorical entries, and prepared data for analysis.
- Identified key trends between work conditions, demographics, and treatment-seeking behavior.
- Presented findings with clear visualizations to highlight factors influencing mental health outcomes.

Intelligent Highway Traffic Violation Monitoring System using YOLOv8 (Undergraduate thesis)

- Built a computer vision system using YOLOv8 to detect traffic violations like speeding, jaywalking, and wrong-way driving.
 - Created a custom dataset using drone footage for detecting three-wheeler vehicles in urban settings.
 - Integrated YOLOv8’s built-in tracking system to follow moving objects and identify rule violations in real-time.
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Certifications & MOOCs

- **IBM Data Science Professional Certificate** – Coursera
Covered: Data Science Methodology, Data Analysis, Machine Learning Models, Capstone Project
 - **Machine Learning Specialization** – Stanford University and DeepLearning.AI
Covered: Supervised and Unsupervised Learning
 - **Web Applications for Everybody Specialization** – Coursera
Covered: PHP Web Development, SQL, and Database Design
 - **Python 3 Programming Specialization** – Coursera
Covered Python from the very basics to fetch data from internet APIs and OOP
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Skills

Programming Languages: JavaScript, Python, Golang
Web Development Frameworks: Express.js, Django, React
Databases: PostgreSQL, MySQL, Prisma ORM, MongoDB
Machine Learning Libraries: Numpy, Pandas, Scikit-learn, TensorFlow, Matplotlib
Cloud & DevOps Tools: AWS Lambda, AWS SAM, EC2, S3, EventBridge
Soft Skills: Leadership, adaptability, communication

Standardized Test Scores

International English Language Testing System (IELTS) – March 22, 2024

Listening	Speaking	Reading	Writing	Overall
9.0	7.0	8.5	6.5	8.0