

Richard Samuel

Software Engineer

Motivated student eager to leverage educational background in a professional setting. Demonstrates strong technical skills with various software applications and excels in managing challenging tasks. Proven ability to prioritise effectively and meet deadlines consistently.

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New Delhi, India

https://www.github.com/samuelard7

WORK EXPERIENCE

Software Engineer

AfterQuery

2025-03-30 - Present

New Delhi, India

- Resolving git and GitHub-related issues on open-source projects
- Diagnosing and fixing merge conflicts, branching problems, and repository errors
- Implementing bug fixes
- Provide clear comments and documentation within the code
- Develop code that demonstrates best practices and follows industry standards

Data Analyst

MeriSKILL

2024-05-01 - 2024-06-30

New Delhi, India

- Sales Dashboard Creation
- Churn Rate Analysis
- HR Analytics
- Advanced Excel
- Power BI

Python Developer

UniConverge Technologies

2023-07-01 - 2023-08-30

New Delhi, India

- Data Visualisation: Python libraries such as NumPy, Pandas, and SciPy were used to analyse data and create comprehensive visualisations.
- GUI Development: Developed user-friendly applications using Tkinter for graphical user interface (GUI) development.
- API Development: Designed and implemented RESTful APIs, ensuring robust backend functionality.
- API Testing: Conducted thorough testing of APIs using Postman to ensure reliability and performance.

EDUCATION

B.Tech Electronics & Communication Engineering

Delhi Skill & Entrepreneurship University

2021-05-16 - Present

New Delhi

CGPA - 7.8/10

- Programming Coursework: Data Structures & Algorithms, Artificial Intelligence, Machine Learning, Networking
- EE Coursework: Digital Signal Processing, Iot, Embedded Systems, Computer Architecture, VLSI Design, Logic Design

LANGUAGES

English

SKILLS

Python, JavaScript

HTML, CSS, PHP

Flask, Django

Postgresql, MongoDB

Data Structure & Algorithm

Java

PROJECTS

Blog Post Website

Developed a full-stack blog platform using Flask (Python) with secure user authentication via decorators and wrappers; implemented complete backend logic and responsive frontend.

2023-08-16 - Present

Quiz Website

Built a dynamic quiz application using Flask and SQLite as part of an academic project; integrated RESTful API from TriviaDB and validated endpoints using Postman for robust backend testing.

2024-08-07 - Present

E-Commerce Website

Created a fully functional e-commerce website using HTML, CSS, JavaScript for frontend and PHP with MySQL for backend, supporting product listings, cart, and user flow.

2022-06-15 - Present

Predicting Student Academic Success using Machine Learning

Conducted a research project on predicting academic performance using Random Forest, Naive Bayes, and K* algorithms on a dataset of 215 students with 15 attributes; Random Forest achieved 0.891 precision and 0.921 recall. Emphasized early identification of at-risk students for targeted interventions, and highlighted the broader role of skills, adaptability, and resilience in job placement success.

2024-09-10 - 2024-12-10

CERTIFICATES

Web Development

AcmeGrade

2022-06-01

Introduction to Programming Using HTML and CSS

Udemy

2020-12-01

Grade 2 Drums

Trinity College London

2020-02-29