AHSAN RIAZ

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Islamabad, Pakistan

Summary

Highly motivated BSCS student at NUST (CGPA: 3.26) with expertise in leading full-stack projects (React, Next.js, Node.js) and specialized skills in Python-based web scraping, data extraction, & automation. Eager to apply advanced development & problem-solving to create innovative data-centric & full-stack solutions. Proven Top Rated freelancer on Upwork delivering complex, high-quality projects.

Education

National University of Sciences and Technology (NUST)
Expected Sep 2027

Islamabad, Pakistan
Bachelor of Computer Science (BSCS) | *CGPA: 3.26/4.00*

Punjab Group Of Colleges
Apr 2023

Faisalabad, Pakistan
Intermediate of Computer Science | *Grade: A*

Skills

Languages: Python, JavaScript, Java, C++, C, TypeScript, SQL, HTML, CSS, Lua, Bash
Frontend: React, Next.js, Redux, Material-UI, Bootstrap, Tailwind CSS, Radix UI, ECharts, Recharts
Backend: Node.js, Express.js, Python (Django, Flask, FastAPI), Socket.io
Web Scraping & Automation: Scrapy, Selenium, Playwright, BeautifulSoup, Celery, Pandas, NumPy
Python Frameworks (General): Django, Flask, FastAPI, PyQt5, Tkinter
Databases & ORMs: MongoDB, MySQL, PostgreSQL, Firestore, Redis, SQLite
Cloud, DevOps & Tools: AWS (App Runner, EC2, S3, IAM), Docker, Git, GitHub, Linux, Postman, NGINX, Firebase, MySQL Workbench
AI/ML: Google Gemini AI, OpenCV, LLMs

Experience

Software Developer Intern
Summer 2024

Arbisoft | Faisalabad, Pakistan
- Contributed to client-facing React web app, enhancing UI & improving frontend performance by 15%.
- Developed & integrated features for data management dashboard using Redux & consuming APIs.
- Collaborated in agile team (sprints, code reviews, debugging), delivering features on schedule.

Freelance Full-Stack Developer & Automation Specialist
Jun 2023 - Present

Upwork (Top Rated) & Fiverr | Remote
- Led & delivered 15+ projects: full-stack apps, advanced web scraping, & data automation; 100% Upwork success ($4K+).
- Engineered Python scripts for complex data extraction, processing, cleaning, transformation & DB integration.
- Utilized full-stack (React, Node.js, Django) & DevOps (AWS, Docker) for end-to-end automated solutions & client tools.
- Managed project lifecycles: requirements, design, dev, testing & delivery of scalable solutions.

Projects

Giraph: AI-Powered Business Data Analytics Platform [GitHub]
- Led end-to-end dev of full-stack data visualization app, transforming CSV/Excel data via Google Gemini AI.
- Architected Node.js/Express.js backend (MongoDB) to auto-process files, generate schemas & recommend visualizations.
- Built responsive Next.js/React frontend (JWT/OAuth, Radix UI, ECharts); Deployed on Firebase.

Tech: Next.js, React, TS, Node.js, Express, MongoDB, Gemini AI, Firebase, ECharts, JWT, Tailwind

Multi-Site Car Auction Scraper [GitHub]
- Engineered Python desktop app (PyQt5 GUI) automating data aggregation from US auction sites (Copart, IAAI); multi-threading & PDF reporting for 10k+ daily listings.

Tech: Python, PyQt5, Selenium, Playwright, Requests, BeautifulSoup, Pandas, Multi-threading

RevAutoSale Backend & API Development [Live Site]
- Architected Django backend; Python scrapers (Scrapy, Selenium) maintain 100k+ Copart listings.
- Designed MySQL DB & developed RESTful APIs (Django REST) for inventory & user functions.

Tech: Python, Django, Django REST, MySQL, Scrapy, Selenium, Pandas

AWS App Runner Deployment & API Integration *(Client Project)*
- Deployed client's Express.js app to AWS App Runner; configured VPC, NAT & static IP for API whitelisting.
- Provided docs, CI/CD (GitHub Actions); developed Python (Flask) backend for 3rd-party API integration.

Tech: AWS (App Runner, VPC, NAT), Git, GitHub Actions, Express.js, Python, Flask