

Rayyan Khattak

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SUMMARY

Motivated Computer Science undergraduate at Constructor University Bremen, Germany, awarded a **€14,000 merit-based scholarship** for academic excellence. Hands-on experience as a **Web Development Intern at CyberVision**, contributing to responsive front-end development and debugging. Certified in **Python (CS50P)**, **Web Design (FreeCodeCamp)**, **Node.js**, and **Express.js**, with practical experience in building full-stack applications. Skilled in Python, C/C++, JavaScript, React, HTML, CSS, SQL, Supabase, GitHub, Git, and Vercel. Passionate about **software development and engineering**, with the long-term goal of advancing innovation and contributing to impactful projects in **leading global technology companies**.

EXPERIENCE

Web development Intern

CyberVision

July 2024 – August 2024, Islamabad, Pakistan

- Supported the development of **responsive web pages** using **HTML, CSS, and JavaScript**, contributing to 3+ new feature pages for client websites.
- Assisted in **testing, debugging, and fixing front-end issues**, resolving ~10+ UI bugs that improved user interface consistency and reduced error reports by ~15%.
- Contributed to **website styling and layout adjustments** to meet design requirements, improving cross-browser compatibility across 5+ browsers/devices.
- Collaborated with the team through **Git version control** and **daily stand-up meetings**, maintaining 100% on-time task delivery during the internship period.
- Documented assigned tasks and shared progress updates with senior developers, improving workflow transparency and reducing review turnaround time by ~20%.

EDUCATION

Bachelor of Science (B.Sc.) in Computer Science

Constructor University • Bremen, Germany • 2028

- Awarded a **14,000€ merit-based scholarship** (covering 70% of tuition fees) for academic excellence and potential in Computer Science.
- Relevant Coursework: Data Structures, Algorithms, Web Development, Discrete Mathematics, C/C++

A Level

Future World School & College • Islamabad, Pakistan • 2025

- Awarded a **100% tuition scholarship in the first year** and a **50% scholarship in the second year** for academic excellence.
- Secured an **A grade in Computer Science**, demonstrating strong foundation in programming and problem-solving.

CERTIFICATIONS

CS50P: Introduction to Programming with Python

HarvardX • 2025

- This certificate validates proficiency in **Python programming fundamentals**, including data structures, algorithms, and object-oriented programming. Python is the primary language used in **data analysis, machine learning, and AI development**, making this certification highly relevant for roles in **software engineering, data-driven applications, and future specialization in AI/ML**.

Learn Node.js

Scrimba • 2025

- This certificate demonstrates competency in **Node.js for server-side JavaScript development**, including modules, npm, and backend logic. Node.js is widely used for building **scalable web applications, REST APIs, and real-time systems**, making it highly relevant for roles in **backend development, full-stack engineering, and data-driven applications**.

Learn Express.js

Scrimba • 2025

- This certificate highlights proficiency in **Express.js, a leading Node.js framework for building web applications and APIs**. It demonstrates skills in **routing, middleware, and REST API development**, which are essential for creating **scalable, maintainable, and data-driven backend systems**. This makes it directly relevant to roles in **backend engineering, full-stack development, and software engineering**.

Web Design

FreeCodeCamp • 2024

- This certificate represents over **300 hours of project-based training in HTML, CSS, and responsive design principles**, including Flexbox, Grid, and accessibility best practices. It demonstrates the ability to build **user-friendly, mobile-first, and accessible web interfaces**, making it highly relevant for roles in **front-end development, full-stack engineering, and software development**.

COURSEWORK

Scientific Programming with Python

Constructor University • 2025 • Python, Data Structures, Algorithms, Automation

- Used **Python** to implement **data structures** (lists, dictionaries, sets) and apply **algorithms** (sorting, searching, recursion) for solving computational problems, while developing automation scripts to streamline repetitive calculations and data handling.

Programming in C/C++

Constructor University • 2025 • C++, C, Modular Programming, Procedural Programming

- Applied **C and C++** to design and implement programs using procedural programming, control structures, and modular functions, while practicing **memory management and debugging** to build efficient, low-level software solutions.

SKILLS

Python, C (basic), JavaScript, HTML, CSS, React (basic), Node.js (basic), Express.js (basic), Bootstrap, Git, GitHub, VS Code, SQL (basic), Markdown, Vercel, Version Control

Problem solving, Team collaboration, Agile/Scrum exposure, Communication, Documentation, Adaptability, Time management
