

# Saqib Bedar

Computer Science Student · Full-Stack & AI Engineering

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## SUMMARY

Computer Science student and software developer building full-stack applications, AI projects, and open-source developer tools. Passionate about creating practical software with modern web technologies, Python, and machine learning while continuously expanding expertise across software engineering and AI. Open to internships, junior software engineering roles, freelance opportunities, and relocation-friendly positions.

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## SKILLS

**Full-stack web** React, JavaScript, Node.js, Express, MongoDB, MySQL, Tailwind CSS, REST APIs, Authentication

**Python & AI** Python, PyTorch, Computer Vision, NumPy, FastAPI

**Engineering tools** Git, GitHub, Linux, Docker, C++, Documentation

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## EXPERIENCE

**Front-End Developer Intern** · College of Army Education (CAE) 2025  
Completed an 8-week front-end development internship, building user interfaces and strengthening practical experience through real-world software development.

**Git & GitHub Workshop Instructor** · MLSA QAU 2024  
Led multiple workshops introducing students to version control, Git workflows, repository management, essential Git commands, and GitHub Pages deployment.

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## PROJECTS

**Date Fruit Classification** [Case study ↗](#)  
Computer vision project comparing ResNet-50 transfer learning with a custom CNN, covering dataset preparation, training, evaluation, and deployment through a PyTorch-powered web inference app.  
93.96% test accuracy · 7,000 images · 10 classes · ResNet-50 · PyTorch

**bxp-code** [Case study ↗](#)  
A drop-in React code block package powered by Shiki and Prettier, providing syntax highlighting, automatic formatting, copy-to-clipboard support, and TypeScript-first APIs with zero configuration.  
React · TypeScript · Shiki · Prettier

**BedarX Pro** [Case study ↗](#)  
A Visual Studio Code theme extension designed for readable syntax, polished semantic highlighting, and multiple dark/light variants for comfortable long coding sessions.  
JavaScript · Node.js · VS Code API · Developer tools

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## EDUCATION

**BS Computer Science** · Quaid-i-Azam University, Islamabad

2023 – Present

Data Structures, Algorithms, Operating Systems, Database Systems, Computer Networks, Artificial Intelligence, Computer Vision, Theory of Automata

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## COURSES & CERTIFICATES

Introduction to Networking NVIDIA

May 2025 [Verify](#)

C++ Basics: Selection and Iteration Codio

March 2025 [Verify](#)

Tools of the Trade: Linux and SQL Google

May 2025 [Verify](#)

Google AI Essentials Google

August 2024 [Verify](#)

Programming with JavaScript Meta

August 2023 [Verify](#)

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