

Bashar Ahmad Khan

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SKILLS

- Languages:** Python, C, C++, Java, JavaScript, TypeScript, PHP, SQL, MongoDB
- Frameworks/Libraries:** React.js, Node.js, Express.js, Tailwind CSS, NumPy, Matplotlib
- Tools/Platforms:** Git, VS Code, Sublime Text, Atom, PyCharm, IntelliJ, Docker
- Soft Skills:** Problem-Solving, Adaptability, Leadership, Work Ethic and Accountability

PROJECTS

Scribly- AI-Powered Note-Taking Application | GitHub | Live Aug' 2025 – Nov' 2025

- Developed an AI-driven note-taking platform featuring automated summarization, semantic search, encrypted data handling, real-time calendar syncing, and optimized backend performance.
- Built optimized backend workflows using JWT auth, RESTful routing, async operations, middleware pipelines, and third-party API integrations to enhance system performance.
- Improved efficiency and reliability, increasing API throughput 35%, boosting user productivity 30%, and reducing manual documentation 40% using AI summaries, optimized queries, encryption, and rate-limiting.
- Tech Used: React.js, Node.js, Express.js, MongoDB, Mongoose, JWT, bcrypt.js, REST APIs, Tailwind, Axios, OpenAI API, Google Calendar API, MVC, Middleware, CORS, Git/GitHub, Postman.

Bill Quill – Real-Time Invoice Management Application | GitHub | Live Jul' 2025 – Aug' 2025

- Engineered a real-time invoicing system on the MERN stack with dynamic billing workflows, automated calculations, modular client/product catalog management, and secure data processing.
- Implemented audit-ready financial logging and continuous data syncing using optimized REST operations to maintain accurate, consistent, and highly reliable records.
- Strengthened security and performance using tokenized access, optimized routing, indexed schemas, XLSX export, validation rules, and concurrency-safe logic, resulting in 20% higher billing accuracy.
- Tech Used: React.js, Node.js, Express.js, MongoDB, Mongoose, JWT, XLSX, Tailwind CSS, Axios, REST APIs, CORS, Middleware, Async/Await, Git/GitHub, JSON, Data Validation, API Routing, Postman.

TRAINING

Full Stack Web Development | CipherSchool | Certificate Jul' 2025

- Completed Full-Stack MERN Development training at CipherSchool, with practical experience in MERN stack.
- Built full-stack projects involving UI development, API creation, database schemas, JWT auth, routing, state management, responsive design, and deployment workflows.
- Strengthened skills in JavaScript, REST APIs, CRUD, Git/GitHub, async programming, Postman testing, error handling, performance optimization, and scalable application design.
- Tech Used: MongoDB, Express.js, React.js, Node.js, JavaScript, REST APIs, JWT, Git/GitHub, Postman, HTML, CSS, Responsive Design, MVC Patterns.

CERTIFICATES / CERTIFICATION

- Nptel – Cloud Computing | Swayam-Nptel | Certificate Nov' 2025
- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate | Oracle | Certificate Sept' 2025
- Introduction to Hardware and Operating Systems | Coursera | Certificate Sept' 2024
- The Bits and Bytes of Computer Networking | Coursera | Certificate Sept' 2024

ACHIEVEMENTS

- Data Structures & Algorithms Excellence**
Solved 550+ problems across platforms.
- LeetCode Performance**
Completed 350+ problems, achieved a 1529 contest rating, and ranked in the top 36.12% globally.
- Multi-Language Coding Proficiency**
Achieved 5-star Python, 4-star C++, and 3-star C on HackerRank.
- Competitive Programming Skills**
Secured a 2-star CodeChef, demonstrating strong problem-solving and contest performance.

EDUCATION

Lovely Professional University Bachelor of Technology in Computer Science and Engineering - CGPA: 8.09	Phagwara, Punjab Since Aug' 2023
Dav Public School, Cantt, Area Intermediate	Gaya, Bihar Apr' 2021 – Mar' 2022
Elegant Public School Matriculation	Gaya, Bihar Apr' 2020 – Mar' 2021